Petine

Owner's Manual

Manual #990021

Application Version 58

- Internal Source - *Preloaded Music*
- CD Drive
- CompactFlash Card Reader
- MP3 Music File Playback
- Complete Control From the Front Panel's Rotary Dial
- Recording Capabilities - *Optional Record System Required*
- NetPiano Playback Capability - *Subscription Service Required*
- Internal Soundcard - *Optional*

QRS Music Technologies, Inc.

Warnings

FCC INFORMATION

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!
   This product, when installed as indicated in the Installation Manual, meets FCC requirements. Modifications not expressly approved by QRS Music Technologies, Inc. may void your authority, granted by the FCC, to use this product.
2. IMPORTANT: When connecting this product to accessories and/or another product use only high quality shielded cables. Cables supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the United States of America.
3. NOTE: This product has been tested and found to comply with the requirements listed in the FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the Installation Manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:
   - Relocate either this product or the device that is being affected by the interference.
   - Utilize power outlets that are on different circuits (circuit breaker or fuse) or install AC line filters.

   If these corrective measures do not produce satisfactory results, please contact the local authorized distributor, or contact QRS Music Technologies, Inc. 2011 Seward Ave. Naples, FL 34109.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

GROUNDING INSTRUCTIONS: This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

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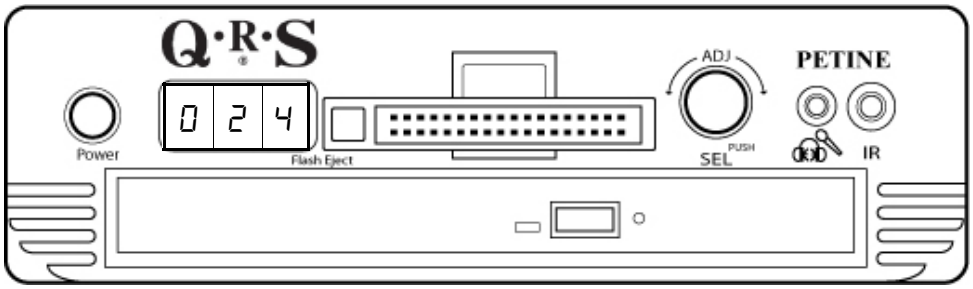
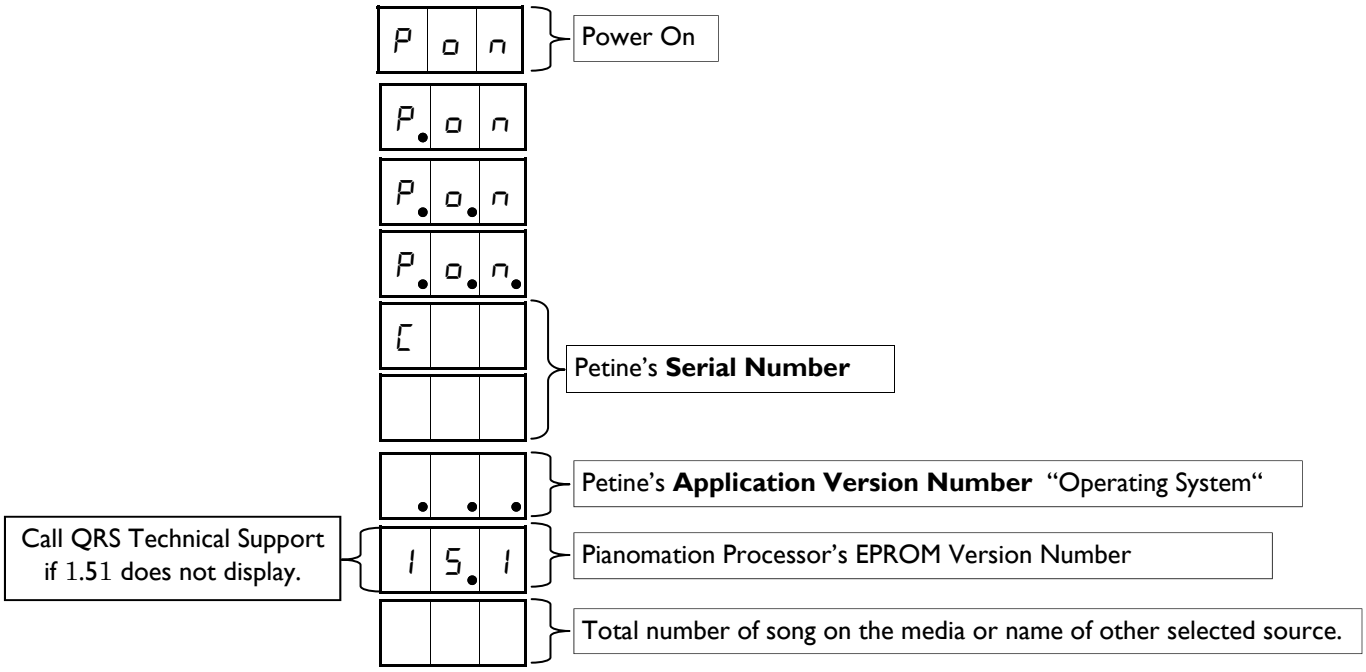
Power ON Sequence

Locating the Serial and Application Versions

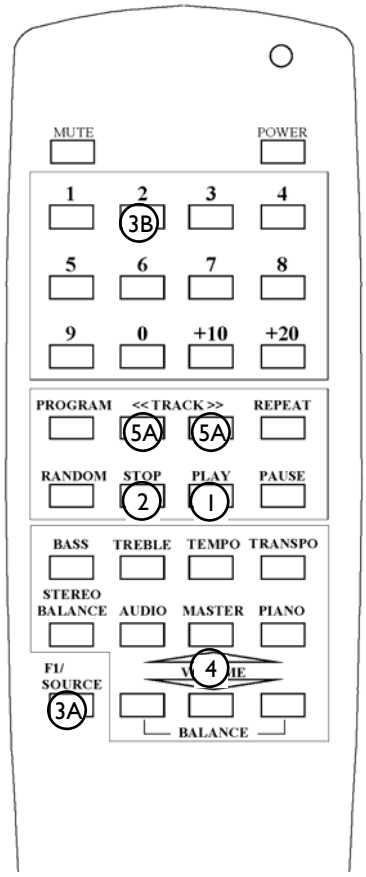




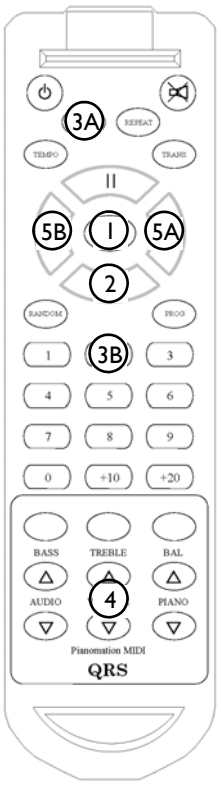
If Petine's "power-on" display sequence is different than what is shown here, see the "Restoring Petine's Operating System" section of this manual.

The Petine controllers will power on to the last played source. If the last played source was the CD Drive, CompactFlash Reader or the Internal Source the total number of songs currently on that media will be displayed. Press Play on the remote control or the ADJ/SEL dial on the controller to begin playing the first song. **If the last played source was either the CD Drive or the CompactFlash Reader and the drive or reader is empty, then the system will go to the Internal Source and display the total number of songs.** If the last played source was Auxiliary, Record or MIDI Input the Petine controller will power on to that source ready for an external input signal or a command from user.

Play the Internal Pre-installed Music [24 Songs]



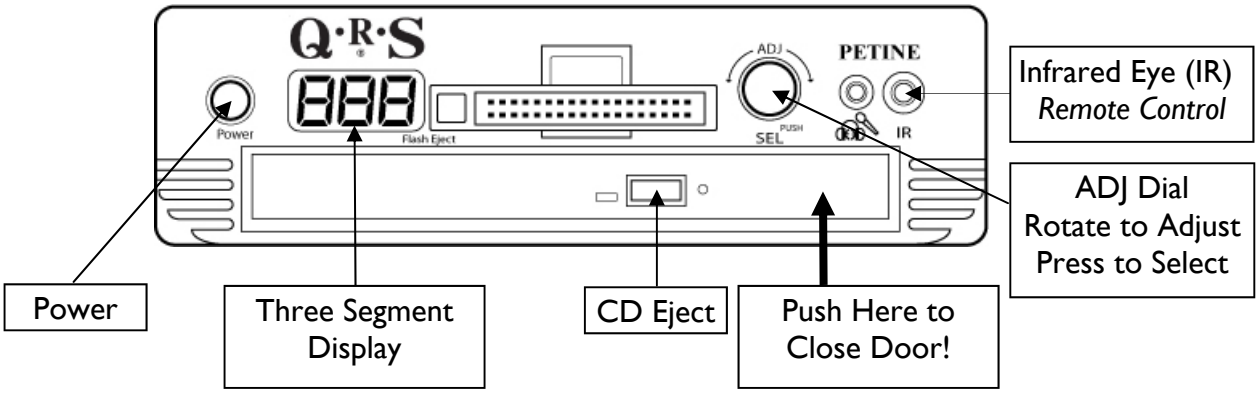
1	If Petine has powered on and the display reads "024" you are ready to play solo piano music from the internal source. Just press the PLAY button. Otherwise...	
2	Press Stop	Press the STOP button to halt play.
3A 3B	Select the Internal Source	Tap the Source button and then the number 2 button to select the Internal Source, "2 in". Wait for "024" to display.
1	Play Song	Press the PLAY and the first song begins to play.
4	Adjust Volume	Use these six buttons to adjust the volume levels. Piano adjusts the piano only. Audio adjusts the speaker volume. Master adjusts the Piano and Audio together.
2	Stop play	Press the STOP button to stop the song.
5A	Next Song Previous Song	Pressing the TRACK >> will advance to the **Next** song.
5B		Pressing the << TRACK will go to the **Previous** song.



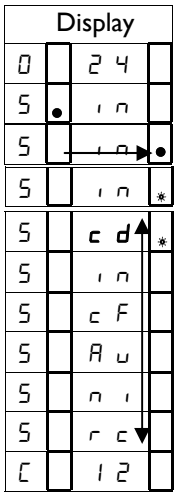
Internal Source Music List (Solo Piano)

#	Name	Type	#	Name	Type	#	Name	Type
001	Georgia On My Mind	MIDI	010	Sweet And Low Down	MIDI	019	Music Of The Night	MIDI
002	Candle In The Wind	MIDI	011	Angel Eyes	MIDI	020	Amazing Grace	MIDI
003	Feelings	MIDI	012	Yes! We Have No Bananas	MIDI	021	On The Beautiful Blue Danube	MIDI
004	Greensleeves	MIDI	013	Perfidia	MIDI	022	Ave Maria	MIDI
005	Danny Boy	MIDI	014	Crazy	MIDI	023	Meditation and Intermezzo	MIDI
006	Mack The Knife	MIDI	015	Night And Day	MIDI	024	Liebesleid	MIDI
007	Burt Bacharach Medley	MIDI	016	Someone To Watch Over Me	MIDI			
008	Ain't Misbehavin'	MIDI	017	Something	MIDI			
009	Nice Work If You Can Get It	MIDI	018	Stars Fell On Alabama	MIDI			

Play a QRS CD Using The Petine Controller



Power ON	Press the **Power** button to turn on the system.
Insert CD	Press the **CD Eject** button to open the CD tray. Snap the CD onto the spindle and close the tray.



Press STOP to halt play.

Double-Click the ADJ dial. [Double-Click = twice within one-half second]

Rotate dial to move dot to the far right.

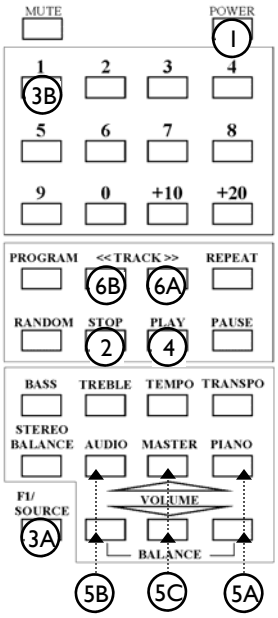
Press the dial, the dot begins flashing.

Rotate the dial to display "cd".

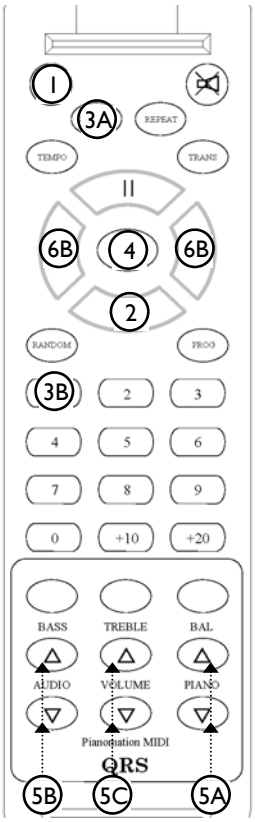
Double-Click the dial to Select and Exit.

Play Song	Press the **ADJ** Dial and the first song begins to play.
Adjust Volume	Rotate the **ADJ** Dial to change the Master Volume level.
Stop play	Press the **ADJ** Dial to stop the song.
Next song Previous Song	While playback is stopped, rotate the **ADJ** Dial clockwise to advance to the **Next** song or counter-clockwise to go back to the **Previous** song.

Play a QRS CD Using The Remote Control



1	Power ON	Press the **Power** button to turn on the system.
2	Press Stop	Press the STOP button to stop any flashing dots.
Press the **CD Eject** button to open the CD tray. Snap the CD onto the spindle and close the tray.		
3A 3B	Select the CD Source	Tap the Source button and then the number 1 button to select the CD Source. " Icd" displays. **You can also repeatedly tap the Source button to cycle through all of the sources.** Stop tapping when " Icd" displays.
		Wait for Petine to scan the CD.
		A "C" and the total number of songs will display.
4	Play Song	Press the PLAY and the first song begins to play.
5A 5B 5C	Adjust Volume	Use these **six** buttons to adjust the volume levels. Piano [5A] adjusts only the piano volume. Audio [5B] adjusts only the speaker volume. Master [5C] adjusts the Piano and Audio together.
2	Stop play	Press the STOP button to stop the song.
6A	Next Song Previous Song	Pressing the TRACK >> will advance to the **Next** song.
		Pressing the << TRACK will go to the **Previous** song.

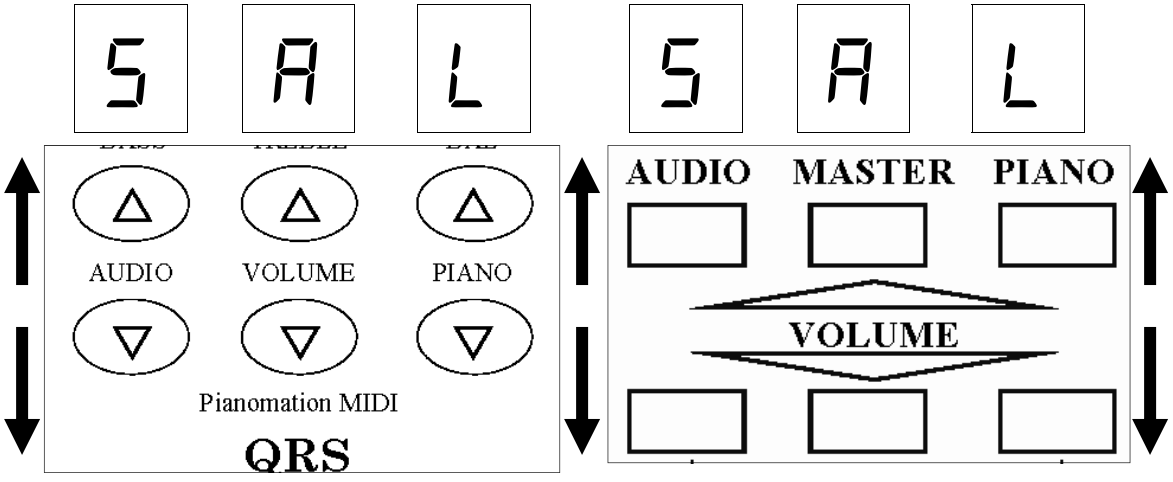


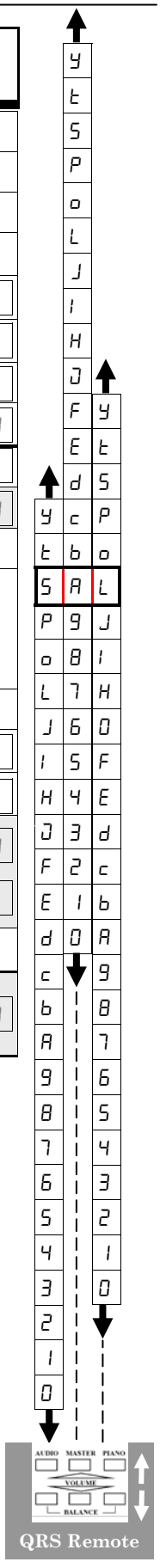
How to Properly Adjust the Piano, Audio and Master Volume Levels

	Select a QRS Concert or SyncAlong Series CD.
1 2 3A 3B	Follow steps 1 through 3B above.
5A	Tap the Piano Volume buttons until "P 0" displays. The piano volume ranges from "P-9" to "P 9". This sets the piano volume in the center of it's range.
5B	Tap the Audio Volume buttons until "A 0" displays. The Audio volume ranges from "A-9" to "A 9". This sets the audio volume in the center of it's range.
4	Press the PLAY button to play a song.
5C	While listening to the acoustic piano, tap the Master Volume buttons to set the piano volume at a comfortable listening level.
Notes:	It is normal for the piano to stop playing when the Piano Volume is set to "P 0" AND the Master Volume is turned down to "000". The piano is playing at it's softest level when the Piano Volume is set to "P 0" AND the Master Volume is turned down to "001". Pianomation can only play as softly as the individual instrument will allow and is also affected by the room's acoustics. If you feel that the piano is playing too loudly, try asking someone to play the piano as softly as possible and compare that volume to Pianomation.
Advanced:	If you feel that the piano is playing too loudly, see *How to set the Minimum Key Force / Alignment / Test 11* in the advanced section of this manual.
5B	Listen, and tap the Audio volume buttons to match the music from the speaker with the acoustic piano. You may want to adjust the volume controls on the speaker itself.
5C	You can now use the Master Volume controls to adjust the overall volume, the audio and piano will follow together.
Advanced:	You can affect how the audio and piano volume levels "follow" the master volume by adjusting the "curves". See the *F-Curves - Activate / Change* section in the advanced section of this manual for details.

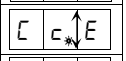
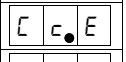
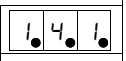
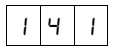
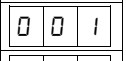
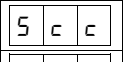
Play a QRS SyncAlong Series CD

Press STOP to halt play.	
Insert the CompactFlash card containing the SyncAlong piano files into Petine's CompactFlash card reader.	
Press the CD Eject button to open the door and snap the QRS SyncAlong series CD onto the spindle.	
Using the remote control, tap the SOURCE button and then the number 1 button. " *lcd*" momentarily displays.	
If the access code for this CD has already been entered and saved , wait for "SAL" to display three times. Press PLAY when "C" and the total number of tracks displays.	SAL SAL SAL C 18
If the access code has not been entered "SAL" should display and hold.	SAL
If "SAL" does not display Update the SyncAlong Music Index [Demo Image]. See *next page*..	C 18
Find the hand written access code located on the yellow QRS PICK TICKET that came with your order.	
Use the six volume buttons at the bottom of the remote control to display the three character access code. The two **Audio** buttons change the left display character. The two **Master/Volume** buttons change the center display character. The two **Piano** buttons change the right display character.	
Press PLAY to save the access code to memory.	
SAL displays to acknowledge the CD is recognized by the Demo Image index as SyncAlong.	SAL
SAL displays a second time to acknowledge the access code has been found in memory.	SAL
If "SAL" does not display a second time then verify the access code. Open and close the door to rescan the CD. If "SAL" displays and holds then enter the correct code.	C 18 SAL
SAL displays a third time to acknowledge the piano files have been located on the CompactFlash card.	
If "SAL does not display a third time confirm the flash card is properly inserted. If it is then... Update the SyncAlong Files From CDROM to CompactFlash. *See next page*..	C 18
Press PLAY again to play the CD.	

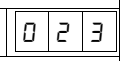
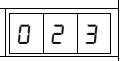
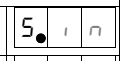
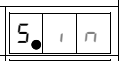
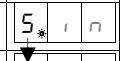
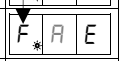
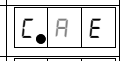
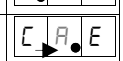
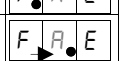
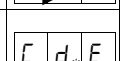
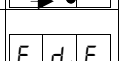
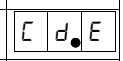
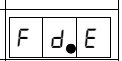
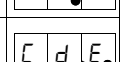
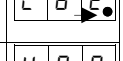
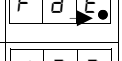
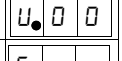
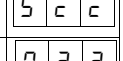
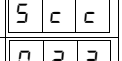




Update SyncAlong CompactFlash Music From CDROM

Download the current update files from [http://www.qrsmusic.com/support_pa.asp]	
Press STOP to halt play. Press the Petine's ADJ Dial twice within one-half second to enter the Setup Menu.	
Petine will open to the source section of the Setup Menu and display the current source.	
Press the ADJ Dial once so that the dot begins to flash.	
Rotate the ADJ Dial to display a large "C" and access the CD Drive's Utility functions.	
Press the ADJ Dial to stop the flashing.	
Rotate the ADJ Dial to move the dot to the center display segment.	
Press the ADJ Dial so the dot flashes.	
Rotate the ADJ Dial to display the a small "c" in the center display segment.	
Press the ADJ Dial to stop flashing.	
Rotate the ADJ Dial to move the dot to the far right display segment.	
Insert the update CDROM and the CompactFlash. Press the ADJ Dial to execute the copy function.	
Petine will read a group of files from the CDROM...	
...and then copy the group to the CompactFlash card. Groups of files will be read and copied until the all files are copied. This will take several minutes.	
A countdown to 1 will begin to verify that the files are copied.	
Press the ADJ Dial when "Scc" displays.	
Press the Petine's ADJ Dial twice within one-half second to exit the Setup Menu.	

Update SyncAlong Music Index [Demo Image File]

UPDATE FROM CDROM		UPDATE FROM COMPACTFLASH	
Press STOP to halt play.		Press STOP to halt play.	
Insert the CD containing the demo.ima file.		Insert the CompactFlash card containing the demo.ima file.	
Press the ADJ Dial twice within one-half second to enter Setup.		Press the ADJ Dial twice within one-half second to enter Setup.	
Petine will display the display the current source.		Petine will display the display the current source.	
Press the ADJ Dial so that the dot begins to flash.		Press the ADJ Dial so that the dot begins to flash.	
Rotate the ADJ Dial to display a large "C".		Rotate the ADJ Dial to display a large "F".	
Press the ADJ Dial to stop the dot from flashing.		Press the ADJ Dial to stop the dot from flashing.	
Rotate Dial to move dot to middle display segment.		Rotate Dial to move dot to middle display segment.	
Press the ADJ Dial so the dot flashes and then rotate the ADJ Dial to display a "d" for demo update.		Press the ADJ Dial so the dot flashes and then rotate the ADJ Dial to display a "d" for demo update.	
Press the ADJ Dial to stop the flashing.		Press the ADJ Dial to stop the flashing.	
Rotate the ADJ Dial to move the dot to the far right display segment. Press the ADJ Dial to Execute.		Rotate the ADJ Dial to move the dot to the far right display segment. Press the ADJ Dial to Execute.	
Update "U" countdown to zero will begin.		Update "U" countdown to zero will begin.	
Successful update! Press the ADJ Dial once.		Successful update! Press the ADJ Dial once.	
Press the Dial twice within one-half second to exit.		Press the Dial twice within one-half second to exit.	

Remote Control Features

		Page
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2	**MUTE** the piano and audio.	19
3	**NUMBER** buttons select specific song tracks.	21
4	**PROGRAM** Up "PuP'' exits from within a source folder.	20
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9	**PAUSE** play.	19
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11	Begin **PLAY**.	19
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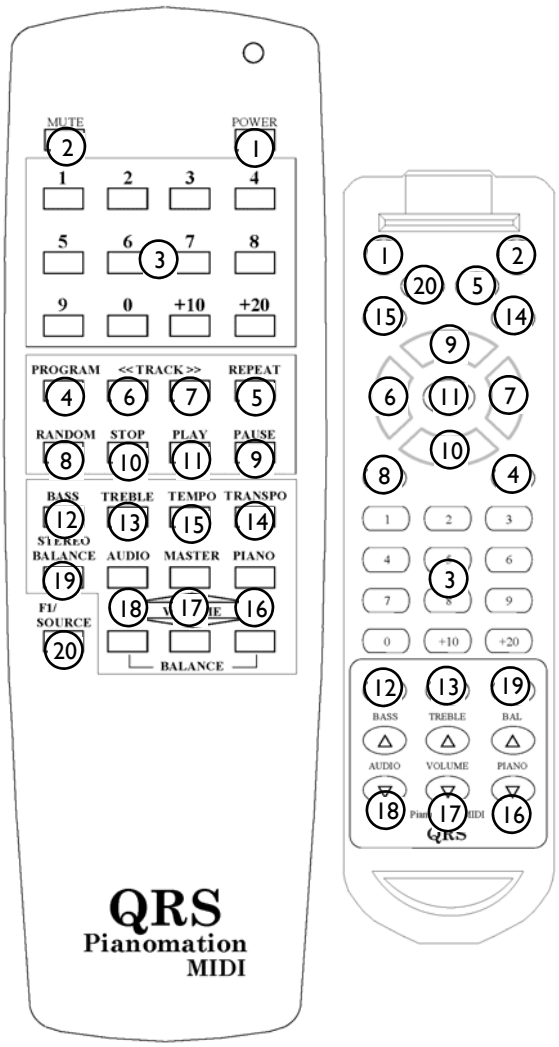
13	Press **TREBLE** and then the master volume up and down buttons to adjust the treble audio volume.	19
14	Press **TRANSPOSE** and then the master volume up and down buttons to change the key of the music, except when playing a CD.	19
15	Press **TEMPO** and then the master volume up and down buttons to change the tempo of the music, except when playing a CD.	20
16	**PIANO VOLUME** UP and DOWN (piano only).	19
17	**MASTER VOLUME** UP and DOWN (piano and audio).	19
18	**AUDIO VOLUME** UP and DOWN (background only).	19
19	Press the **STEREO BALANCE** and then one of the <<track>> buttons to adjust the left and right audio. Two speakers required.	21
20	In stop mode, tap the **SOURCE** button and then the number button assigned to the desired source. *See SOURCE below.*	18



(1) POWER

Press the POWER button to turn the Petine controller and Pianomation ON and OFF.

(20) SOURCE

Press STOP to halt play. *The source cannot be changed if the unit is in play mode.*

1	Repeatedly tap the SOURCE button to cycle through the source list. Stop tapping when the desired source displays.	1 cd = CD Drive 2 in = Internal Music 3cF = CompactFlash 4Au = Auxiliary Input 5n i = MIDI IN 6rc = Record
2	Tap the SOURCE button and then immediately tap the number button associated with the desired source.	
3	Tap the SOURCE button and then immediately tap the <<TRACK>> buttons, repeatedly, until the desired source displays	

...Remote Control Features...

(11) PLAY

Press PLAY to begin or resume play. 018 Slowly Flashing

(9) PAUSE

Press PAUSE to suspend play. 018 Alternately Flashing

(10) STOP

Press STOP to halt play. 018 No Dot!

(2) MUTE

Headphone Volume Level 063

Press the MUTE button to toggle the piano and audio ON & OFF.
The headphone volume is displayed and can be adjusted using the Data Dial on Petine or the Master Volume buttons on the remote. The optional Soundcard is required to hear the piano melody.

(17) MASTER VOLUME

Press the MASTER VOLUME UP or DOWN button to display the current master volume level setting. 067

Within two seconds after pressing the MASTER VOLUME UP or DOWN button , press again or press and hold to adjust the volume of both the Piano and the Audio together. Range = 000 to 127

(16) PIANO VOLUME

Press the PIANO VOLUME UP or DOWN button to display the current piano volume level setting. P-1

Within two seconds after pressing the PIANO VOLUME UP or DOWN button , press again or press and hold to adjust the volume of the Piano only! Range = -9 to +9

(18) AUDIO VOLUME

Press the AUDIO VOLUME UP or DOWN button to display the current audio volume level setting. A 4

Within two seconds after pressing the AUDIO VOLUME UP or DOWN button , press again or press and hold to adjust the volume of the Audio only! Range = -9 to +9.

(12) BASS VOLUME

Press the BASS button to display the current Bass audio volume setting. b 1

Within two seconds after pressing the BASS button, press the MASTER VOLUME buttons to adjust the Bass volume setting. Range = -12 to +12

(13) TREBLE VOLUME

Press the TREBLE button to display the current Treble audio volume setting. t 0

Within two seconds after pressing the TREBLE button, press the MASTER VOLUME buttons to adjust the Treble volume setting. Range = -12 to +12

(14) TRANSPOSE

Press the TRANSPOSE button to display the current playback "key".
The key of the music on a CD or music from an MP3 file cannot be changed! u05

Within two seconds after pressing the TRANSPOSE button, press the MASTER VOLUME buttons to adjust the playback "key". Range = Up 12 to Down 12in half-step increments from middle "C".

...Remote Control Features...

(4) PROGRAM

After gaining access to the songs within a program (subdirectory), pressing the PROGRAM button exits from the program.	
When Pxx is displayed, where xx is a number between 00 and 99, it's an indication that there are Programs (subdirectories) on the selected media. Unlike files on the root of the media, where the total number of songs on the media are displayed after the initial scan, media with programs display the first program after the initial scan.	P 0 1
Press the <<TRACK or TRACK>> buttons to go to the available PROGRAMS.	P X X
Press the PLAY button to "drill down" into an available PROGRAM. The first song number will be displayed. Press PLAY again to play this song or...	0 0 1
Press the <<TRACK, TRACK>> or the Number buttons to go to a song within the PROGRAM.	0 5 6
Press and Hold the <<TRACK button until "PUP" (Program Up) is displayed.	P U P
Pressing PLAY will then return to display the list of available PROGRAMS.	P 0 1

(58) REPEAT

There are two repeat modes: Repeat Song and Repeat Program. REPEAT mode is accessed during song playback. Select a song an press PLAY		One Flash Per Second Flashing
Press PLAY and then REPEAT repeatedly to cycle through PLAY and the two REPEAT options.	PLAY	0 0 3
	REPEAT Song. Repeats selected song.	0 0 3
	REPEAT Program. Repeats all songs within selected Program or Root	0 0 3

(8) RANDOM

There are three RANDOM modes: One Song, Program, and Source The RANDOM mode can be changed during STOP or PLAY.		Flashing
Press RANDOM repeatedly to cycle through the PLAY mode and the three RANDOM option modes.	Normal PLAY mode.	0 0 3
	Though the random modes may be changed while play is stopped, the random mode is only confirmed, by the flashing dots, during playback.	Four Flashes Per Second Rapidly Flashing
	RANDOM Song (one). Plays one random song within the selected program.	0 0 3
	RANDOM Program. Plays songs randomly within the selected program.	0 0 3
	RANDOM Source. Plays songs randomly within the selected source.	0 0 3

(15) TEMPO

Press the TEMPO button to display the current tempo. ***The tempo of the music on a CD or music from an MP3 file cannot be changed! Only Standard MIDI files.***	- 0 5
Within two seconds after pressing the TEMPO button, press the MASTER VOLUME buttons to adjust the speed of the playback. Range = -50 (Displays "-1 ") to +100 (Displays "-A")	

...Remote Control Features

⑥ ⑦ Previous <<TRACK & Next TRACK >>

Press the <<TRACK>> buttons to go to the Previous or Next Program.	P 0 1
Press the <<TRACK>> buttons to go to the Previous or Next Song.	0 0 1
Within two seconds after pressing the STEREO BALANCE button, press the <<TRACK>> buttons to balance the volume of the Left and Right speakers.	
The <<TRACK button balances the volume to the Left speaker.	L 0 5
The TRACK>> button balances the volume to the Right speaker.	R 0 9

③ Number Buttons - Selecting specific song tracks.

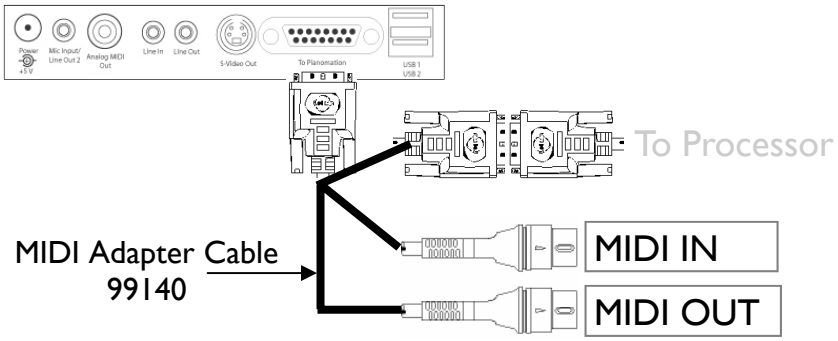
Playing songs from the Root directory	
Root Directory: Files on a CDROM or CompactFlash that are not within a Program directory	
Press the Number buttons to select a specific song by track number:	5
Press the +10 or +20 button to enter a 1- or 2- (10 or 20) to the display.	2 -
Then, press a single digit number from 0-9 to complete the song number selection.	2 3
Press and HOLD the +10 or +20 button to increment the display by 10 or 20. The display will advance until the button is released or until the maximum number of songs available on the selected media has been reached. Maximum: CFLASH=50- and CDROM=99-).	6 2 -
Then, press a single digit number from 0-9 to complete the song number selection. Maximum: CFLASH=509 and CDROM=999.	6 2 5
Playing songs from a Program directory	
The first Program is displayed after the initial media scan. *The following examples assume that there are a total of 4 Programs on the media.*	P 0 1
The 0, +10 and +20 buttons are not functional when Pxx is displayed. Pressing one of these buttons at this time does not change the display.	P x x
Pressing a Number (N) button drills down to the first song of Program (N). Example: Pressing 2 displays song 1 of Program 2.	0 0 1
Then, press PLAY to play song 1 or the Number (N) button to play song (N). *See the section directly above to enter numbers greater than 9.*	
If the Number (N) is greater than the total number of Programs on the media the last Program will be displayed. Example: Pressing 9 displays P04 because it is the last Program on the media.	P 0 4

⑲ STEREO BALANCE

Press the STEREO BALANCE button to display the current Left/Right audio balance setting. Range = Left 20 to Right 20 *Display setting shown indicates equal balance between left and right speaker.*	- 0 0
Within two seconds after pressing the STEREO BALANCE button, press the one of the <<TRACK>> buttons to balance the volume of the Left and Right speakers.	
The <<TRACK button increases the volume of the Left speaker as it decreases the volume of the Right speaker.	L 0 5
The TRACK>> button increases the volume of the Right speaker as it decreases the volume of the Left speaker.	R 0 9

Play Petine From a MIDI Player or Computer

To access the MIDI In & Out features connect the **optional** MIDI Adapter cable as shown above.
A jumper must be installed inside the Petine controller to activate the MIDI signals.
See the "Connecting for Standard Playback or Optional Record" section of this manual.



When an external device's MIDI Out is connected to the MIDI IN cable of Petine, the MIDI Input Source can be set to either play the piano or to trigger Petine's internal soundcard voices. An **optional** soundcard is required to hear the voices but is not required to hear the piano play. Petine comes from the factory set to trigger the soundcard voices. See the General MIDI Sounds List at the end of this manual.

Set Up Petine To Play From a MIDI Player Or Computer.

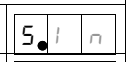
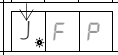
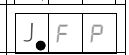
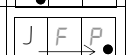
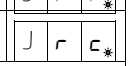
Press STOP to halt play. Press the Petine's ADJ Dial twice within one-half second to enter the Setup Menu.	
Petine will open to the source section of the Setup Menu and display the current source.	Sin
Press the ADJ Dial once so that the dot begins to flash.	Sin
Rotate the ADJ Dial to display the "J " and access to the MIDI Input Select function.	Jrc
Press the ADJ Dial to stop the flashing.	Jrc
Rotate the ADJ Dial to move the dot to the right display segment.	Jrc
Press the ADJ Dial so the dot flashes.	Jrc
Rotate the ADJ Dial to display "FP" for the File Player option.	JFP
Press the Petine's ADJ Dial twice within one-half second to exit the Setup Menu.	

Play Petine From a MIDI Player Or Computer.

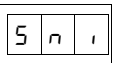
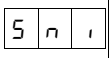
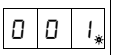
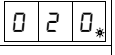
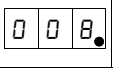
Press STOP to halt play. Press the remote control's SOURCE button and then the number 5 button. "Sin" displays. **Or**... On the Petine controller, press the ADJ Dial twice within one-half second. Rotate the ADJ Dial so that the dot is in the far right segment. Press the ADJ Dial once so that the dot is flashing. Rotate the ADJ Dial until "Sin" appears. Press the ADJ Dial twice within one-half second to exit.	Sin Sin
After a few seconds the display changes to "---" with a flashing dot at right. Petine will now respond to MIDI data received into MIDI IN cable.	---
Rotate the ADJ Dial to adjust the volume.	020
Press STOP on the remote or Press the ADJ Dial on Petine to halt playback.	Sin

Play a Soundcard Voice Using the Piano Keyboard

Set Up Petine To Play a Soundcard Voice. **Requires Optional PNOscan and Soundcard**

Press STOP to halt play. Press the Petine's ADJ Dial twice within one-half second to enter the Setup Menu.	
Petine will open to the source section of the Setup Menu and display the current source.	
Press the ADJ Dial once so that the dot begins to flash.	
Rotate the ADJ Dial to display an "J " and access to the MIDI Input Select function.	
Press the ADJ Dial to stop the flashing.	
Rotate the ADJ Dial to move the dot to the right display segment.	
Press the ADJ Dial so the dot flashes.	
Rotate the ADJ Dial to display "rc" for the Record option.	
Press the Petine's ADJ Dial twice within one-half second to exit the Setup Menu.	

Play a Soundcard Voice From The Piano Keyboard.

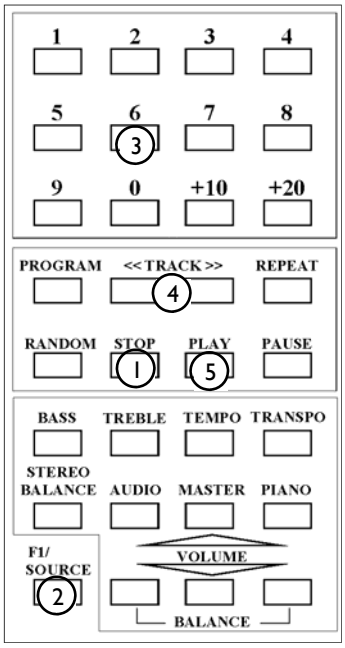
Press STOP to halt play. Press the remote control's SOURCE button and then the number 5 button. "Sn 1" displays. **Or**... On the Petine controller, press the ADJ Dial twice within one-half second. Rotate the ADJ Dial so that the dot is in the far right segment. Press the ADJ Dial once so that the dot is flashing. Rotate the ADJ Dial until "Sn 1" appears. Press the ADJ Dial twice within one-half second to exit.	 
After a few seconds the display changes to "001" with a flashing dot at right to indicate "play" mode. "001" represents Patch 1, the Acoustic Grand Piano voice in the General MIDI Sound List. The Acoustic Grand Piano voice will sound through the speaker when triggered by MIDI data.	
Rotate the ADJ Dial to adjust the volume.	
Press STOP on the remote control. Rotate the ADJ Dial on the Petine controller or push the <<TRACK>> buttons on the remote control to select another voice from the General MIDI Sound List.	

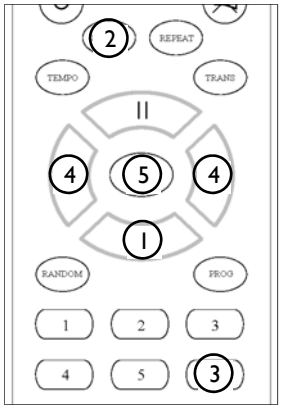
See the "*General MIDI Sounds - List"* in the back of this manual for the numbers associated with each of the soundcard voices.

Record Using the Remote Control - Requires Optional PNOscan

- **Recording directly from the piano keys requires the installation of an optional record system.**
- **Recording also requires the optional MIDI Adapter Cable and jumper.**
  - *See the "Connecting for Standard Playback or Optional Record" section of this manual for instructions.*
- You can record to Petine from any MIDI device. To hear all MIDI voices the **optional** soundcard must be installed.
- Recordings can be stored to 9 internal memory locations for a total record time of over 400 minutes.
- Individual songs may be re-recorded or erased.
- A new recording may also be saved to and stored directly to a CompactFlash card.
- All 9 songs can be saved to CompactFlash, as a group, so that 9 new songs can be recorded.

Record Using The Remote Control





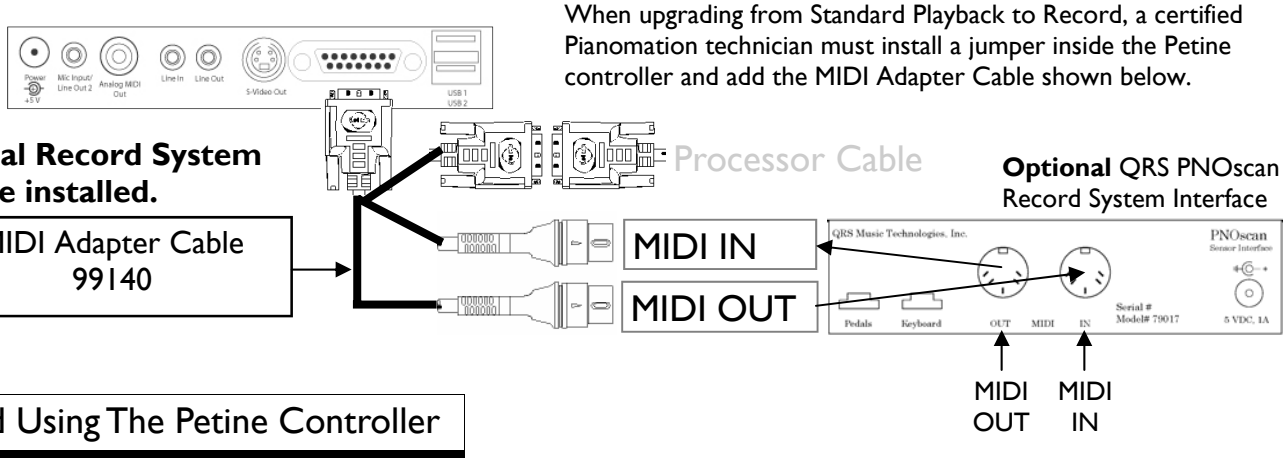
1	Press the **STOP** button to halt play.	0 0 1
2 3	Tap the **SOURCE** button and then the **Number 6** button to select the record source "Src".	6 r c
	The first record source's playback location "rP 1" displays. *If you go to a different source before saving a recording and then return to the record source "rEC" will display to remind you to save your last recording.*	r P 1
4	Repeatedly tap the **TRACK>>** button to display record "rEC".	r E C
5	Press **PLAY** to enter the record session. *Three dots will begin to flash at 60 beats per minute. Rotating the ADJ Dial will change the metronome rate..* Play the piano or send MIDI data to start. Recording begins when MIDI data is received by Petine via the MIDI Input cable. Alternately flashing dots appear in the left and center display segments to acknowledge that MIDI data is being received.	0. 6. 0. 0. 6. 0.
1	Press the **STOP** button when finished. The recording is now stored in the temporary memory location "rPn".	r P n
You now have several options to choose from:		
	Listen to the recording by pressing PLAY. Or listen to a song recorded in any one of the 9 record source locations by repeatedly tapping the <<TRACK>> buttons to select "rPx" and press PLAY.	r P x → r P x.
or	**Record Over** an existing recording or **Save** to an empty location by repeatedly tapping the <<TRACK>> button to select one of the 9 record locations "rcx" and then pressing the PLAY button to replace what's currently stored in "rPx".	r c x → r. S A
or	**Save** the recording to a CompactFlash card by repeatedly tapping the <<TRACK>> button to select "rcF" then pressing PLAY.	r c F → r. S A
or	**Re-record** by repeatedly tapping the <<TRACK>> button to select "rEC" and then pressing PLAY to repeat the process.	r E C → 0. 6. 0.
or	**Erase** an existing recording by going through the record procedure but, do not send MIDI data to Petine. Then "save" this empty song to the desired record location.	

How Individual Recordings are Saved to CompactFlash

The very first time that an individual recording is saved directly to the CompactFlash card Petine creates a folder named "RECSES99" and saves the individual recording as "RECSN001. All subsequent recordings saved to "rcF", on the same CompactFlash card, are placed in the same folder and named "RECSN002...RECSN###" up to RECSN999.
Note: If there are ANY music files on the "root" of the CFLASH card Petine will not recognize the files in the "RECSES99" folder.

Record Using the Petine Controller - Requires Optional PNOscan

When upgrading from Standard Playback to Record, a certified Pianomation technician must install a jumper inside the Petine controller and add the MIDI Adapter Cable shown below.

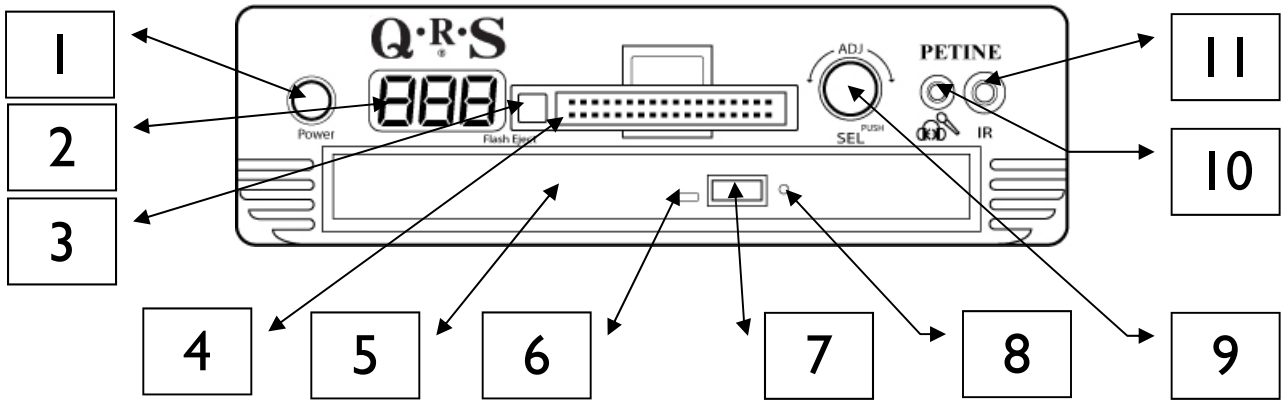


Record Using The Petine Controller

The optional MIDI Adapter cable must be used and a jumper installed inside Petine.
See the "Connecting for Standard Playback or Optional Record" section of this manual for instructions.
To record from the piano an optional record strip must be installed under the keys.

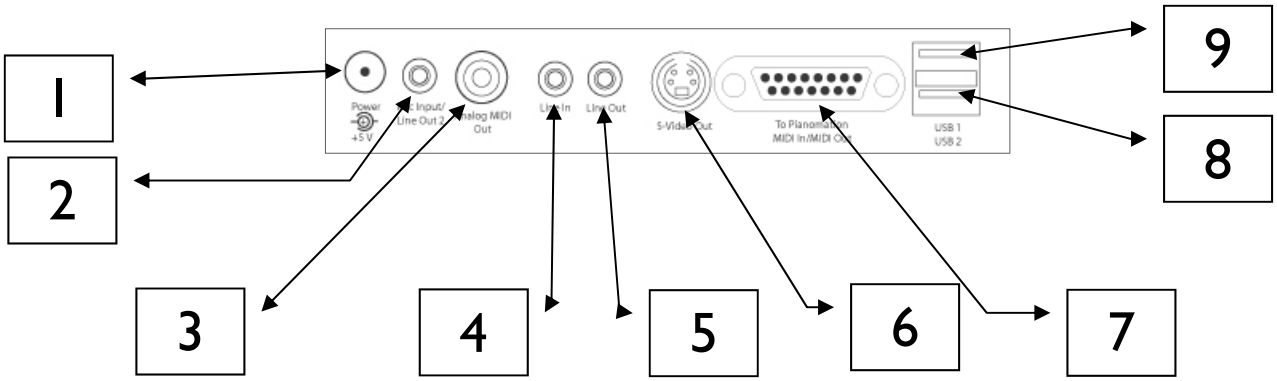
If a song is playing, indicated by a flashing dot in the far right display segment, press the ADJ Dial once so that no dots appear in the display.	001
Tap the ADJ Dial twice, quickly, within one-half second to enter the Setup Menu.	Set.
Rotate the ADJ Dial clockwise to move the dot to the far right display segment.	Set.
Press the ADJ Dial once so that the dot begins to flash.	Set*
Rotate the ADJ Dial until "Src" appears in the display.	Src*
Tap the ADJ Dial twice, quickly, within one-half second to select the record source and exit the Setup Menu. The first record playback location "rP1" displays. *If you go to a different source before saving a recording and then return to the record source "rEC" will display to remind you save your last recording.*	rP1
Rotate the ADJ Dial clockwise to display "rEC" for the record location.	rEC
Press the ADJ Dial to enter the record session. *Three dots will begin to flash at 60 beats per minute. Rotate the dial to change this metronome rate.*	0*6*0*
Play the piano or send MIDI data to start. Recording begins when MIDI data is received by the MIDI Input cable. Alternately flashing dots appear in the left and center display segments to acknowledge that MIDI data is being received.	0*6*0*
Press the ADJ Dial once when finished. The recording is now stored in a temporary memory location.	rPn
You now have several options to choose from:	
Listen to the recording by pressing PLAY. Or listen to a song recorded in any one of the 9 record source locations by repeatedly tapping the <<TRACK>> buttons to select "rPx" and press PLAY.	rPx / rPx*
or **Record Over** an existing recording or **Save** to an empty location by rotating the ADJ Dial to one of the 9 record locations "rcx" and pressing the ADJ Dial to replace what's in "rPx".	rcx / r.5A
or **Save** the recording to a CompactFlash card by rotate the ADJ Dial to "rcF" then pressing the ADJ Dial.	rcF / r.5A
or **Re-record** by rotating the ADJ Dial to "rEC" and pressing the ADJ Dial to repeat the process.	rEC / 0*6*0*
or **Erase** an existing recording by going through the record procedure but, do not send MIDI data to Petine. Then "save" this empty song to the desired record location.	

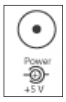
Front Panel Features



1	Power Button		Turns the system ON and OFF.
2	Display Screen		Three segment LED display.
3	CompactFlash Eject Button		Press to eject a CompactFlash card.
4	CompactFlash Card Reader		The CompactFlash card reader replaces the traditional floppy disk drive. **Make certain to format a blank and unused CompactFlash card using the Petine controller before copying music files to it.** ***See the CompactFlash sections at the beginning of this manual for brand name cards known to work with Petine.***
5	DVD ROM Drive		Plays the following formats: QRS CD; MIDI files on CDROM & DVDROM.
6	CD Busy LED		This LED illuminates whenever the CD is being accessed.
7	CD Eject Button		Press to eject a CD.
8	Emergency CD Eject Hole		Use to open the CD door when power is removed from the Petine CD controller. Straighten the open end of a small paper clip and gently insert it into the hole to open.
9	ADJ Dial		Used to access all of the functions of Petine. *Press & Hold to shut down if Petine stops responding.*
10	Headphone Jack		Headphone output. *See Setup Menu-Advanced to change settings.* 3.5mm (1/8") Stereo Jack
11	Infra-Red (IR) Sensor		Point the remote toward the IR sensor to control Petine.

Back Panel Features



1	Power Input		Input from the AC to 5 Volt DC Power Adapter.
2	Microphone Input / Line Out 2		Microphone input or "Mixed" output. *The "mixed" output sends the synthesized piano melody to the speakers (Optional Sound card is required.).* *See Setup Menu-Advanced to change settings.* 3.5mm (1/8") Stereo Jack
3	Analog MIDI Output		Record to an analog source or transmit the MIDI signal wirelessly. RCA Jack *Sends the analog MIDI signal out of the AMI Output jack only when playing from the CD source. Except SyncAlong*
4	Auxiliary Input "Line In"		Stereo input for connection to an external computer or CD/DVD changer. 3.5mm (1/8") Stereo Jack
5	Line Output		Stereo output to powered speakers). 3.5mm (1/8") Stereo Jack
6	S-Video Output		Currently Not Used
7	Output to the Pianomation Processor		Connector for the Standard Pianomation Processor Cable or for the Record-MIDI IN /MIDI OUT cable. DB15 Socket
8	Universal Serial Bus A		Currently Not Used
9	Universal Serial Bus B		Currently Not Used

Setup Menu Functions - Navigation Basics

All of Petine's functions can be controlled from the Setup Menu which is accessed using the front panel's ADJ Dial.
Some functions that can also be changed using the Remote Control - shown in bold type in the Function table below.
This page will show you the basics of navigating through the Setup Menu so that you can get to any function.
The pages that follow will give specific instructions on each of the functions.

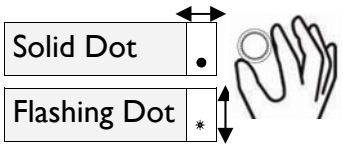
Play must be STOPPED before the Setup Menu can be entered.
If any dots are flashing in the display, press the Remote's STOP button or the Front Panel's ADJ Dial.

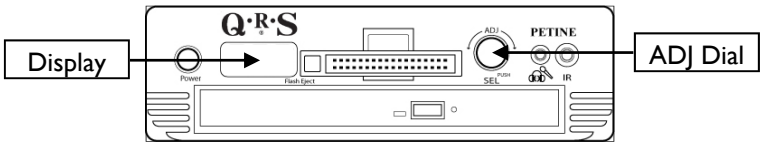
When no dots are present, Double-Click the Dial to access the Setup Menu.
Double-Click = Tap the Dial twice within one-half second.

When you have entered the Setup Menu you will see the current "Source". *See below.*
While in the Setup Menu, pressing the ADJ Dial changes the dot from solid to flashing to solid…

Rotating the Dial while the dot is <u>SOLID</u> moves the dot from left to right (table column).
Rotating the Dial while the dot is <u>FLASHING</u> moves the dot up and down (table row).

To Exit the Setup Menu: Double-Click the ADJ Dial at any time.





Setup Menu Function	Display
Source	S • cd
Audio Volume	A 0
Piano Volume	P 0
Tempo	- 0 0
Transpose	u 0 0
Microphone	H 0
Stereo Balance	_ 0 0
Bass Volume	b 0 0
Treble Volume	t 0 0
Metronome Volume	U o 0
Delay	d P n
Configure Pianomation	n n 1
Test 2	2 E =
Alignment / Test 11	11 E =
Configure Audio	c S t
CompactFlash Utilities	F d E
CD ROM Utilities	C d E
F-Curves	r o F
Midi Input Select	J r c
Time Signature	n 4 4
Mixed Out Level Piano	P 8 0
Soundcard Output	S n A
Main Audio Output	o n o
Exit	E n d

With Play Stopped: Double-Click the ADJ dial to Enter the Setup Menu.
Pressing the Dial alternately changes the Dot: - Solid or Flashing.
Rotating the Dial moves a Solid Dot: Left / Right.
Rotating Dial moves a Flashing Dot: Up / Down.
Dots can be placed in any of the highlighted squares in this table.
Double-Click at anytime to Exit.

The table on the opposite page shows the complete list of Setup Menu options.

Example: Select the CD Source.

Setup Menu Function
Source

Display	
S • in	1] Stop Play
S in •	2] Double-Click the ADJ dial.
S in •	3] Rotate dial to put dot at far right.
S in *	4] Press the dial once.
S cd *	5] Rotate dial to display "cd".
S in	
S cF	
S Au	
S n 1	
S r c	
C 14	6] Double-Click to Select and Exit.

Setup Menu Functions - Table

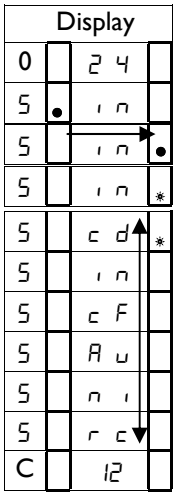
Function	Display		Options & Ranges			Default	Remote
Source	S	cd	Compact Disk Drive			in	Yes
		in	Internal				
		cF	CompactFlash				
		Au	Auxiliary	Settings below are not seen when in the Setup Menu.			
				Ani	Analog MIDI (Default)		
				StE	Stereo		
		n1	MIDI	001	General MIDI Sound number when MIDI Input Select is set to Record Strip "rc".		
				---	Plays from MIDI IN cable when MIDI Input Select is set to File Player "FP".		
		rc	Record & Save [rc I-rc9= rEC= rcF] Playback [rP I-rP9= rPn]				
Audio Volume	A	0	Audio Offset Volume	Range: -9 to +9		0	Yes
Piano Volume	P	0	Piano Offset Volume	Range: -9 to +9		0	Yes
Tempo	-	00	Playback Speed	Range: "ni " for Min=50 nA" for Max=100		-00	Yes
Transpose	u	00	Playback Key	Range: 00 = no change to Plus or Minus 12		u00	Yes
Microphone	4	0	Microphone Volume	Range: 0 to 9		0	No
Stereo Balance	_	00	Left / Right Audio Balance	Range: L20 to R20		_00	Yes
Bass Volume	b	00	Bass Volume Offset	Range: -12 to +12		00	Yes
Treble Volume	t	00	Treble Volume Offset	Range: -12 to +12		00	Yes
Metronome Volume	U	o0	Click Track Volume Level	Range: 0 to 9		0	No
Delay	d	Pn	Pianomation = 500ms Delay			Pn	No
		SY	Synthesis = No Delay				
Configure Pianomation	n	n1	All Pianos			n1	No
		n2	Piano Channel 1				
		n3	All Instruments				
		n4	All MIDI				
Test 2	2	E=	Not Yet Available				No
Test 11	11	E=	Sets the Minimum Force of the Keys and the Pedal Solenoid				No
Configure Audio	c	St	Standard			St	No
		SA	Karaoke (Sing Along)				
		SL	Silent Piano				
		bb	Barcus Berry Pickup				
		2o	Mixed Output				
CompactFlash Utilities	F	d	E	Demo Update		d	No
		S		System Update			
		A		Application Update			
		L		Key List Update			
		F		Format			
		c		Copy Record			
		E		Erase Record Memory			
CD ROM Utilities	C	d	E	Demo Update		d	No
		S		System Update			
		A		Application Update			
		L		L=Key List Update			
		c		Copy - SyncAlong (Will not overwrite existing CompactFlash card SAL files)			
		C		Copy - SyncAlong (Overwrites existing CompactFlash card SAL files)			
F-Curves	F	oF	Off			oF	Yes
		AU	Automatic				
		nA	Manual				
Midi Input Select	J	rc	Record Strip			rc	No
		FP	F-Player				
Time Signature	n	44	Metronome Click-track			44	No
Mixed Out Level	P	80	Soundcard Piano Volume on Line Output 2			80	No
Soundcard Output	S	nA	Maximum			nA	No
		St	Dynamic				
Main Audio Output	o	no	Mono			no	No
		St	Stereo				
Exit	E	nd	Exit Setup Menu ("double-click" the ADJ Dial)				No

Setup Menu Functions - Advanced...

Source Selection

Selects the source that Petine will use to play the piano.

The desired Source is easily selected using the remote control



1] Press STOP to halt play.

2] Double-Click the ADJ dial.

3] Rotate dial to far right.

4] Press dial, the dot begins flashing.

5] Rotate dial to the desired Source.

6] Double-Click to Select and Exit.

CompactFlash cards known to work in the Petine controller. 2Gb Max	
Sandisk CF	
Samsung Extreme Memory	
IBM Microdrive	
Sandisk Ultra II	
Kingston	
Kodak	

File Types Recognized

Source	File Name Extension	File Types Recognized
CD	cda	Stereo Audio and QRS Pianomation
	mid	General MIDI
	mp3	MP3 (Audio Only)
	mpe	MP3 Pianomation with Audio
	mpm	QRS Secured MIDI with MP3
Internal	mid	General MIDI
CompactFlash	mid	General MIDI
	mp3	MP3 (Audio Only)
	mpe	MP3 Pianomation with Audio
	mpm	QRS Secured MIDI with MP3
Auxiliary	cda	QRS Pianomation CD via an **external** CD player.
	wma	QRS Pianomation music downloaded from NetPiano.com.
MIDI	mid	MIDI IN - Optional MIDI adapter cable and jumper required.
Record	mid	MIDI - Optional PNOscan Record System; MIDI adapter cable and jumper required.

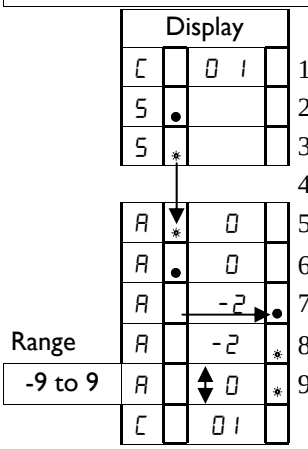
Maximum Number of Songs & Programs	
CDROM Root	000 - 999
CFLASH Root	000 - 509
Programs On CFLASH or CDROM	P01 - P99
CDROM & CFLASH Program Pxx	000 - 999
Internal Music Demo Disk	1.44MB

...Setup Menu Functions - Advanced...

Audio Volume Level

Increases and decreases the audio volume without affecting the master volume or the piano volume levels.

This function is easily adjusted using the remote control

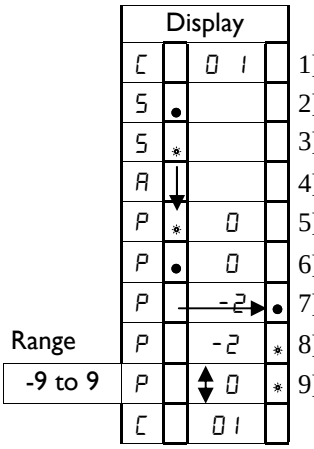


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "A"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Piano Volume Level

Increases and decreases the piano volume without affecting the master volume or the audio volume levels.

This function is easily adjusted using the remote control

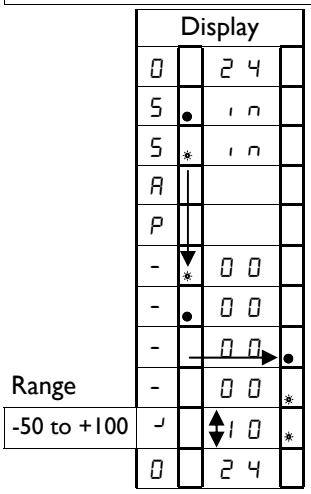


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "P"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Tempo [Music's Speed]

Increases or decreases the music's speed. **MIDI Files ONLY!** ***The tempo of the music on a CD or music from an MP3 file cannot be changed!***

This function is easily adjusted using the remote control

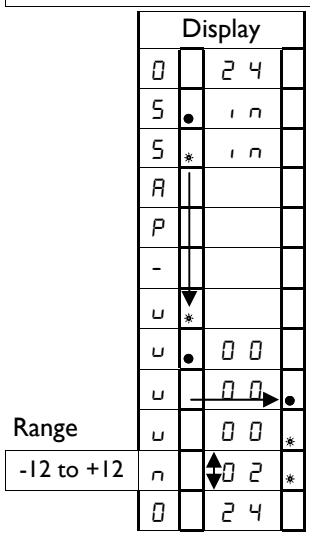


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "-"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Transpose [Music's "Key"]

Changes the "key" of the music. **MIDI Files ONLY!** ***The key of the music on a CD or music from an MP3 file cannot be changed!***

This function is easily adjusted using the remote control

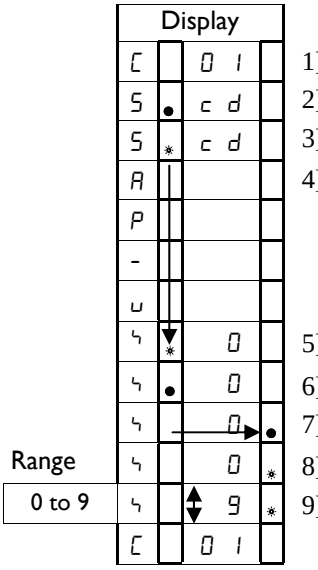


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "u"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

...Setup Menu Functions - Advanced...

Microphone Volume Level

Increases the audio output for a microphone connected to the Mic Input/Line Out 2 socket on the back panel.

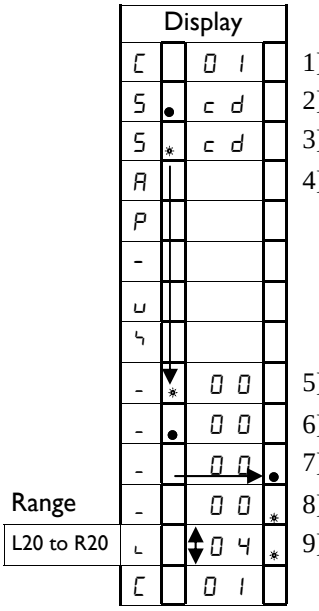


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "ч"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Stereo Balance

This function is easily adjusted using the remote control

Increases one of the audio channels as it decreases the other. This is useful ONLY if the player system is connected to two speakers AND a two-channel audio (SyncAlong) music is being played.

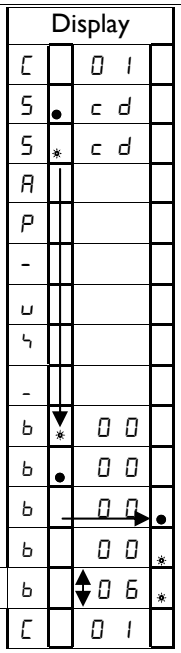


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "_"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Bass Volume

This function is easily adjusted using the remote control

Increases or decreases the low frequency audio coming out of the speaker system.

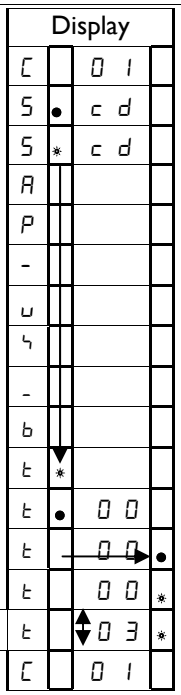


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "b"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Treble Volume

This function is easily adjusted using the remote control

Increases or decreases the high frequency audio coming out of the speaker system.

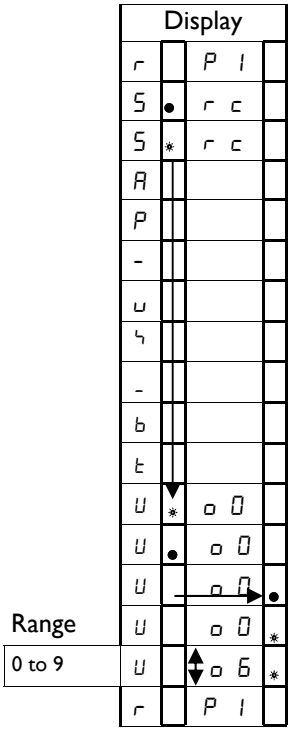


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "Ł"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

...Setup Menu Functions - Advanced...

Metronome Volume - Record "Click-Track"

Adjusts the audible click-track, at the selected time signature below, heard through the speakers during recording.
A setting of "0" mutes the "click-track".



1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "U"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Delay [Pianomation vs. Synthesizer]

It takes 500ms for the mechanics of the acoustic piano keys to respond to data sent from Petine. Petine actually delays the audio to the speaker by 500ms to keep it in sync with the piano.

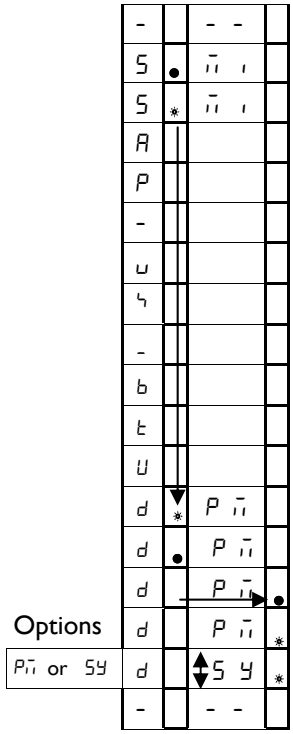
Pianomation "Pn" - Default
Keep the delay set to "Pn" whenever Petine is connected to an acoustic piano and you want the acoustic piano keys to play.

Synthesizer "SY"
Set the Delay to "SY", No Synthesizer Delay, when using Petine as a Stand-Alone MIDI controller. This setting keeps the "synthesized" background in-sync with the digital device.
Warning: If the piano is connected to Petine's DB15 Pianomation cable the keys will play at full volume.
The "SY" setting should only be used when Petine is used as a stand-along MIDI controller.

How to Use Petine as a Stand-Alone MIDI Controller

Connect a MIDI adapter cable and jumper as instructed in the *"Optional MIDI Adapter Cable Connections for MIDI IN/OUT"* in the *"Connecting for Standard Playback or Optional Record"* section at the back of this manual. Do NOT connect the Standard Cable to the piano or the piano keys will play at full volume.

Follow the instructions below to set the Delay to "SY".
Connect the MIDI Adapter Cable's "MIDI OUT" socket to use Petine as a standard MIDI controller.



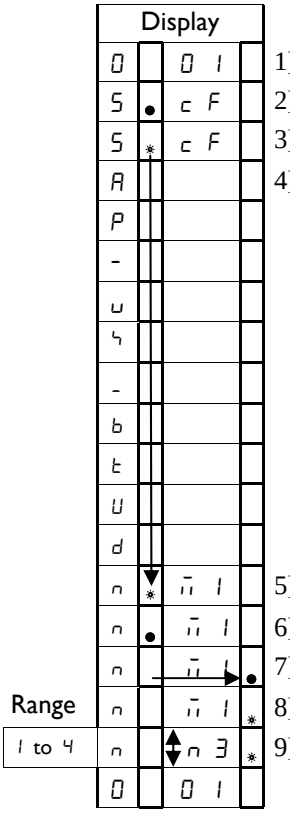
1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "d"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

...Setup Menu Functions - Advanced...

Configure Pianomation

The Pianomation Configuration settings determine how Petine and the piano will respond to MIDI data.

See the "*General MIDI Sounds List*" section of this manual for the list of General MIDI sounds.		
1	All Pianos	General MIDI Piano Sounds 1-6 on channels 1-16 (except 10-drums). When the Pianomation Configuration is set to "All Pianos" the acoustic piano keys will play when the MIDI file is written for any of the first six piano voices.
2	Piano Channel 1	General MIDI Sound 1 (Grand Piano) on Channel 1 When the Pianomation Configuration is set to "Piano Channel 1" the acoustic piano keys will play when the MIDI music is written for the Grand Piano, sound patch 1.
3	All Instruments	Piano plays full orchestration except drums and special effects. When the Pianomation Configuration is set to "All Instruments" the acoustic piano keys will play when the MIDI file is written for ALL voices.
4	All MIDI	General MIDI Piano Sounds 1-6 are sent to Pianomation, the acoustic piano, and ALL MIDI data is sent to the MIDI Out socket of the options MIDI Adapter Cable.



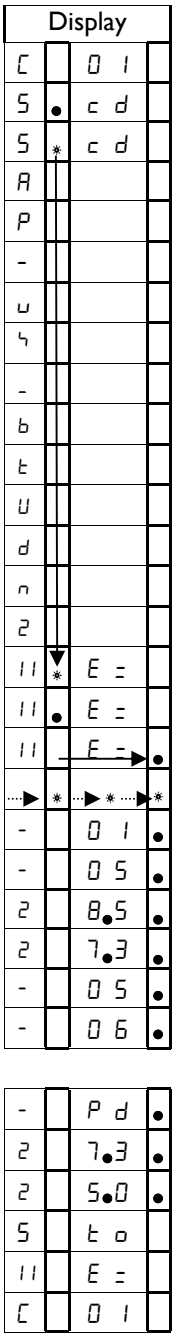
1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "n"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Test 2

This function is not yet available.

Sets Minimum Key Force / Alignment Test 11

The Test Alignment 11 function allows you to set the minimum force for each of the keys and the pedal solenoid. The standard Pianomation system will play keys 5 through 84, the first and last four keys are not connected. This eliminates the need to cut into the bass and treble legs. Note: Not all system use a Pedal Solenoid.



1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "11".
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press the dial to execute. Please Wait!
9] This represents piano key #1.
10] Rotate the dial clockwise to display "05".
11] Press the dial do display the key's force setting.
12] Rotate dial so key sounds as soft as possible.
13] Press the dial.
14] Rotate the dial to select the next, or any, key #.
15] Repeat steps 11-14 for keys 5-84.
16] When finished, rotate past key 88 to display "Pd".
17] Press the dial.
16] Rotate dial for a smooth lift of sustain dampers.
17] Press dial to STORE new settings to processor.

New settings aren't saved unless "Sto" is displayed!

Double-Click to Store and Exit.

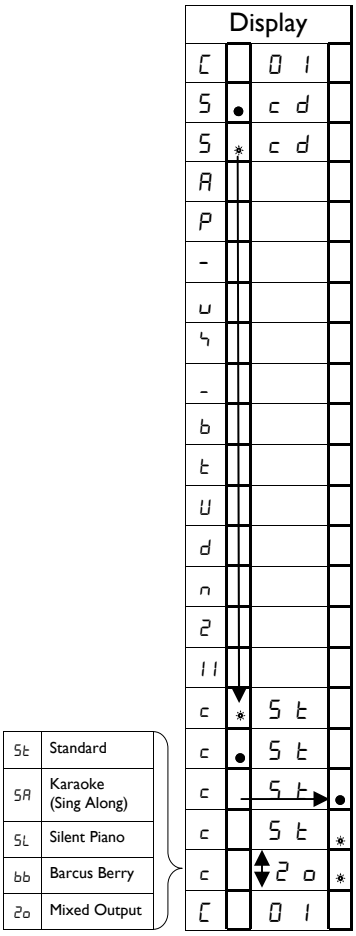
...Setup Menu Functions - Advanced...

Configure Audio

The Audio Configuration setting changes the functionality of the front and rear panel jacks.

A "mixed" output includes a synthesized piano sound along with the background audio.
See the Front and Rear Panel Features sections of the manual for the locations of these jacks.

Configuration Option	Front Panel **Headphone**		Rear Panel Input **Mic Input / Line Out 2**	Rear Panel **Line Out** Usually connected to the speaker under the piano.	
Standard	Unmixed		Disabled	Unmixed	
Karaoke (Sing Along)	Unmixed No Microphone		Microphone **Input:** On both L & R channels	Microphone With Unmixed Audio	
Silent Piano	Mixed **Sound card required**		Disabled	Muted Audio	
Barcus Berry	Right Channel	Audio Mixed with Mic Input/Line Out 2	**Input:** Barcus Berry Planer Wave or Piano Microphone	Right Channel	Unmixed Audio To Piano Speaker
	Left Channel	Unmixed Audio		Left Channel	Audio Mixed with Mic Input/Line Out 2 To Home Audio System
Mixed Output	Disabled		Mixed **Output** **Sound card required**	Mixed **Output** **Sound card required**	
	Mixed audio output includes the background audio from the CD plus the piano part from the optional soundcard.				



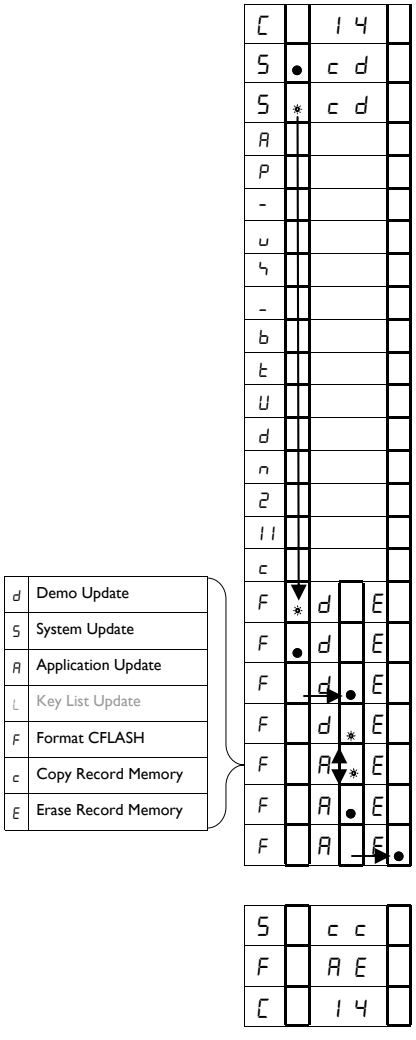
1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "c"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

When changes are made to this configuration Petine will automatically shut down. Power Petine ON and the new settings will be active.

...Setup Menu Functions - Advanced...

CompactFlash Utilities

Demo Update	Updates the Internal Source and the SyncAlong series index.
System Update	Restores Petine's Application Image file.
Application Update	Updates or restores Petine's Application Image.
Key List Update	Unavailable
Format	Formats a CompactFlash card.
Copy Record Memory	Copies the nine record source locations to a CFLASH card.
Erase Record Memory	Erases songs in all 9 record source locations.



1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "F"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise. Put the dot in center display segment.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
10] Press the dial, the dot is solid.
11] Rotate the dial clockwise. Move the dot to far right display segment.
12] Press the dial to execute the function. **PLEASE WAIT!**
13] Indicates a "successful" procedure.
14] Press the dial
Double-Click to Select and Exit.

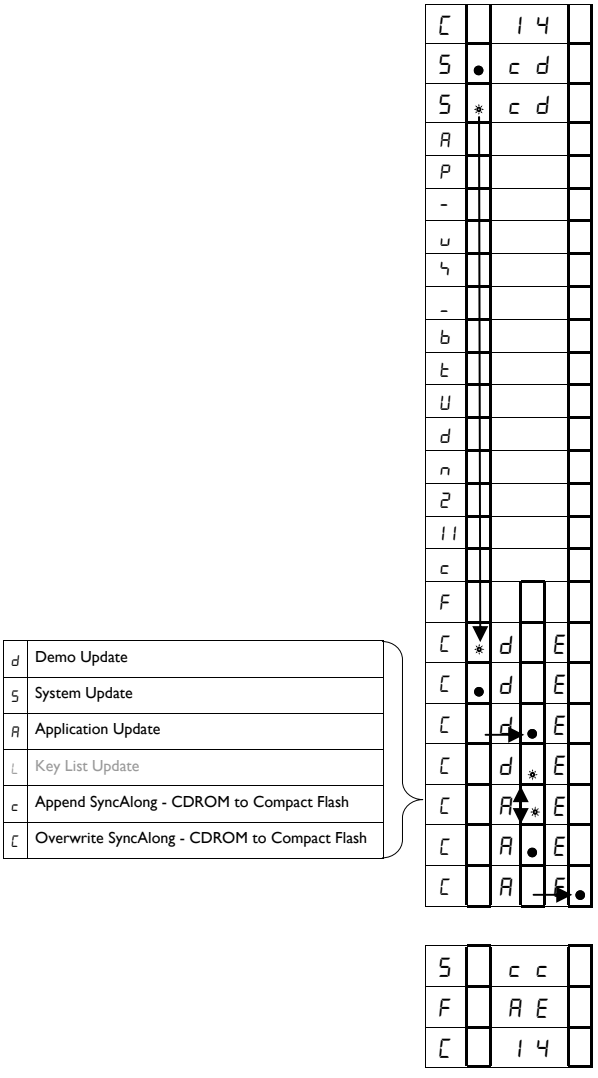
Copy Record Memory - How Songs Are Named

Each "group-save" creates a folder on the CompactFlash and then saves the contents from ALL 9 record source locations in this folder. *Empty record locations ARE saved.* The first folder is named "RECSES01" and you can perform a total of 98 of these group saves (RECSES**01** through RECSES**98**).
The "RECSES99" folder name is reserved for individual saves to CFLASH during the record process.
The names assigned to the songs within these "group-saves" are "RECSNG**01** through RECSNG**09**"

...Setup Menu Functions - Advanced...

CD Drive Utilities

Demo Update	Updates the Internal Source and the SyncAlong series index.
System Update	Restores Petine's Application Image file.
Application Update	Updates or restores Petine's Application Image.
Key List Update	Unavailable
Append SyncAlong	Copies SyncAlong music files from a CDROM to a CompactFlash card. Will NOT overwrite files that are already on the CompactFlash card. Will not delete other music or data files.
Overwrite SyncAlong	Copies SyncAlong music files from a CDROM to a CompactFlash card. Will copy and overwrite ALL files on CF from CDROM. Will not delete other music or data files.


d Demo Update
S System Update
A Application Update
L Key List Update
c Append SyncAlong - CDROM to Compact Flash
C Overwrite SyncAlong - CDROM to Compact Flash

1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the LARGE "C"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise. Put the dot in center display segment.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
10] Press the dial, the dot is solid.
11] Rotate the dial clockwise. Move the dot to far right display segment.
12] Press the dial to execute the function. **PLEASE WAIT!**
13] Indicates a "successful" procedure.
14] Press the dial
Double-Click to Select and Exit.

...Setup Menu Functions- Advanced...

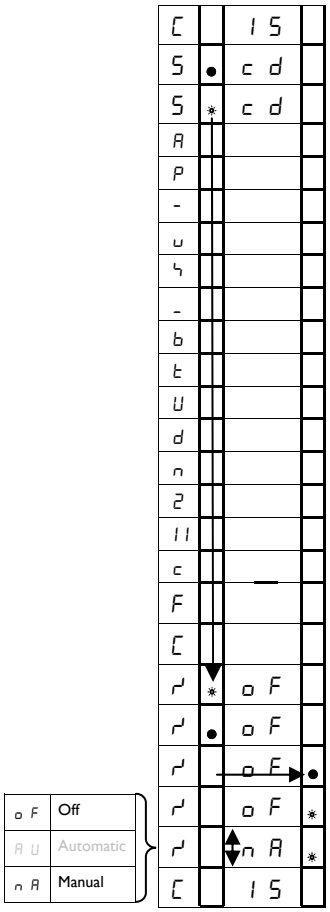
F-Curves - Activate

The F-Curve settings determine how the Audio and Piano volume levels change as the Master volume level changes.
The default setting is OFF and the F-Curve settings cannot be accessed.
To activate the F-Curves change and save the setting to "manual".

Volume Curves:
The **Audio button** sets the audio level for each global volume.
The **Master button** sets the Synth level for each global volume.
The **Piano volume** sets the Pianomation for each global volume.

Low: Corresponds to a global volume of 001.
***Medium*:** Corresponds to a global volume of 064.
High: Corresponds to a global volume of 127.

Midi Expression Curves: When this function is selected, you can define the midi expression curves... Petine has 1000000 different expression curves. This defines how midi velocities from the source file are mapped into other velocities towards the Pianomation. The source can have from 0 to 127 midi velocities, and the same is true for the Pianomation. We use 3 typical midi velocities, being 32, 64, 96. They represent 25%, 50% & 75% of the maximum (127) midi velocity. When this expression function is selected, the Audio keys (remote control) will define those percentages.



1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "r"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

...Setup Menu Functions- Advanced...

F-Curves - Change

With the F-Curves set to "manual" you may now change the volume curves.	
Insert a QRS CD, select the CD Source and press PLAY. Use the remote control's volume buttons to set the following: Adjust the Master Volume level to "001"; the Audio Volume to "A 0" and the Piano Volume to "P 0".	
Tap the SOURCE button on the Remote control **once** to access the "low" audio offset level.	P 0 1
Adjust the Audio Volume so that the music from the speaker sounds balanced with the acoustic piano.	A 2 0
Tap the SOURCE button 4 times to exit the F-Curves.	C 0 1
Adjust the Master Volume level to "063".	0 6 3
Tap the SOURCE button **twice** to access the "middle" audio offset adjust.	P 5 0
Adjust the Audio Volume so that the music from the speaker sounds balanced with the acoustic piano.	A 8 0
Tap the SOURCE button three times to exit.	C 0 1
Adjust the Master Volume level to "127".	1 2 7
Tap the SOURCE button **three times** to access the "high" audio offset adjust.	P 9 9
Adjust the Audio Volume so that the music from the speaker sounds balanced with the acoustic piano.	A 9 9
Tap the SOURCE button twice to exit.	C 0 1
Adjust the Master Volume to a comfortable listening level.	0 1 9
See the previous page to reset the F-Curve activation to "OFF"	

F-Curves: Default Settings			
	Audio	Master	Piano
Source - 1st tap	40	99	01
Source - 2nd tap	95	99	50
Source - 3rd tap	99	99	99
Source - 4th tap	Li	Li	Li
or → Audio UP	Dy	Dy	Dy
Audio UP	Ex	Ex	Ex
Audio UP	F1		
Audio UP	U1		
Audio UP	U2		
Audio UP	U3		
Audio UP	U4		
Audio UP	G1		
Audio UP	G2		
Audio UP	G3		
Audio UP	G4		
	00	50	75
Source - 5th tap	Exit the F-Curve mode		

...Setup Menu Functions- Advanced...

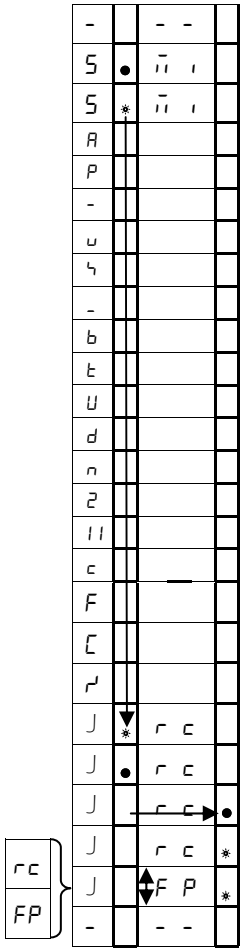
MIDI Input Select

Optional MIDI Adapter cable and Jumper are required. This setting changes how the MIDI Input Source responds to MIDI data received into the MIDI Input cable.

When MIDI Input Select is set to "**Record Strip"** the MIDI data triggers Petine's internal soundcard voices. Note that the when the MIDI Input Source is selected the soundcard voice number is active in the display.

When MIDI Input Select is set to **F-Player** (File Player) MIDI data written for "piano" will trigger Pianomation and the piano keys. Use this setting when playing the piano from a PC or other external MIDI device.

See these two sections of this manual for more information:
Set Up Petine To Play From a MIDI Player Or Computer
Set Up Petine To Play Soundcard Voices

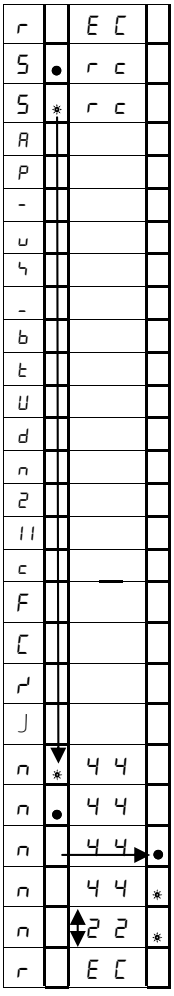


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "J"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Time Signature

this function changes the time signature of the "click-track" when recording using the optional record system.

Options	
1	1
1	2
2	2
3	2
1	4
2	4
3	4
4	4
5	4
6	4
1	8
2	8
3	8
4	8
5	8
6	8
7	8
8	8
9	8
12	8

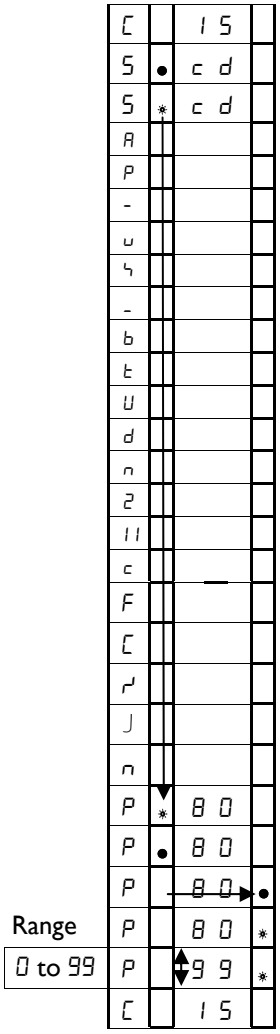


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "n"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

...Setup Menu Functions- Advanced...

Mixed Output Level

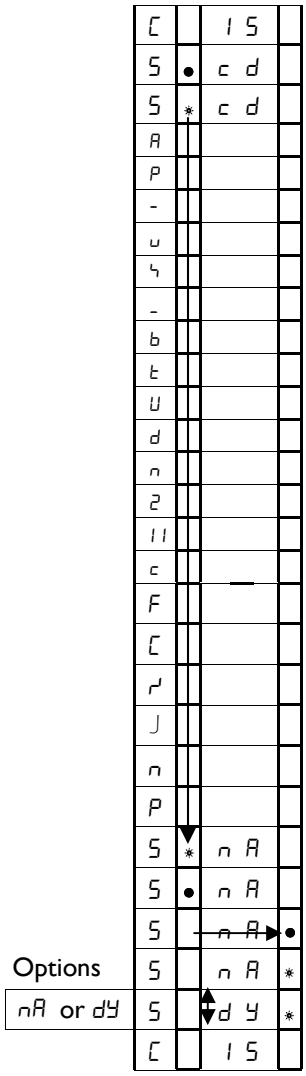
This function setting adjusts the volume level of the synthesized piano voice that is sent to a powered speakers along with the audio background.
Optional Soundcard is required.



1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "P"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Soundcard Output

These settings only apply when the **optional** Soundcard is installed. The default Maximum (nA) setting is used for most applications. Use the Dynamic (dY) option to hear the best dynamic response from the soundcard when playing MIDI files with orchestration.

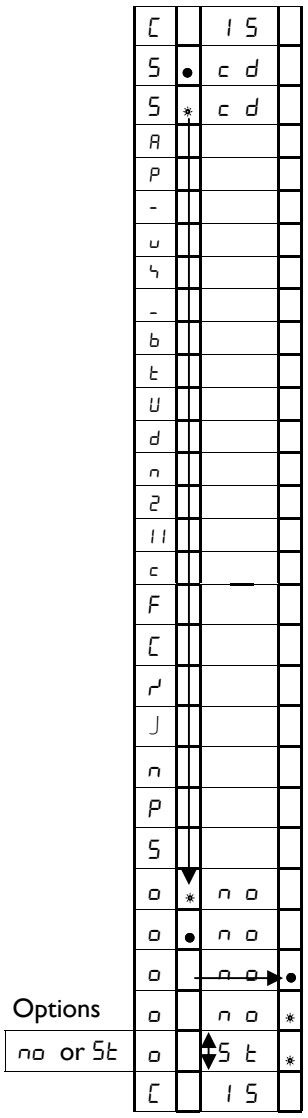


1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "5"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

...Setup Menu Functions- Advanced

Main Out

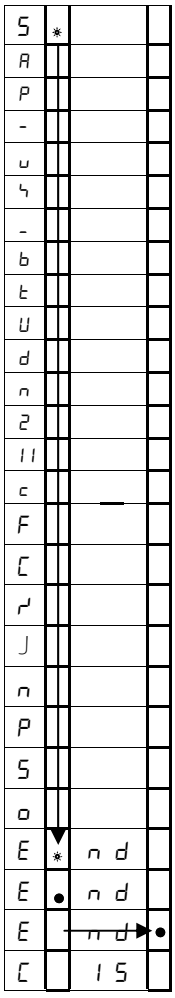
Mono [mo] or Stereo [St]
Set to Stereo when playing Sync Along music with two speakers connected to Pianomation.



1] Press STOP to halt play.
2] Double-Click the ADJ dial.
3] Press dial, the dot begins flashing.
4] Rotate the dial clockwise.
5] Stop at the "o"
6] Press the dial, the dot is solid.
7] Rotate the dial clockwise.
8] Press dial, the dot begins flashing.
9] Rotate dial to the desired setting.
Double-Click to Select and Exit.

Exit the Setup Menu

Exit the Setup Menu to save settings and return to Petine's playback mode.



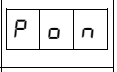
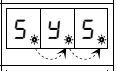
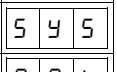
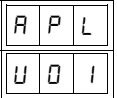
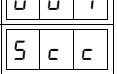
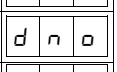
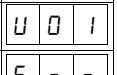
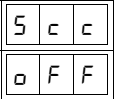
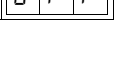
To exit while in the Setup Menu.
With a flashing dot in the first display segment...
Rotate the dial clockwise.

To Exit at any time:
Double-Click the dial.

Stop at the "E"
Press the dial, the dot is solid.
Rotate the dial clockwise.
Press the dial to exit.

Auto-Update Utility - Application Versions V0.38 or Later

To update the images on Petine units with Application versions before V0.38 use the instructions in the "*Update Petine's Application Image*" section of this manual.
To see what version is currently installed, go to the "*Petine's Power ON Sequence*" section of this manual.

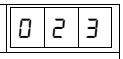
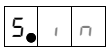
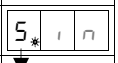
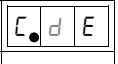
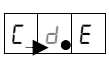
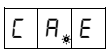
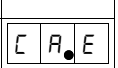
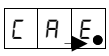
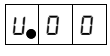
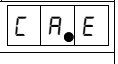
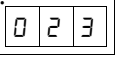
Download the current Application and/or Demo images from the QRS website. http://www.qrsmusic.com/support_pa.asp Copy the files to a CompactFlash card or a CDROM disc. Power Petine ON Insert the CDROM disc or CompactFlash card containing the image files. **If updating from a CDROM be certain to REMOVE the CompactFlash card!!** Power Petine OFF	
Press and Hold the **ADJ** Dial while powering Petine ON. When "Pon" appears **Count 2 Seconds** and then release the **ADJ** Dial button.	
5...y...5 will display to confirm that the system setup menu has been activated.	
"SYS" displays while Petine looks for the image files on CD or CompactFlash.	
If the Application image is found Petine "APL" flashes.	
Petine will begin the update process and a countdown to zero.	
"Scc" displays when the update is successful. Press the **ADJ** Dial to continue.	
If the Demo image is found Petine "dno" flashes.	
Petine will begin to update the SyncAlong index file and a countdown to zero.	
"Scc" displays when the update is successful. Press the **ADJ** Dial to continue.	
Petine automatically powers OFF to complete the process.	

Update Petine's Application Image

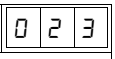
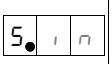
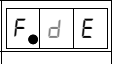
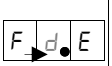
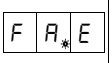
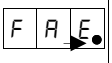
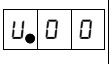
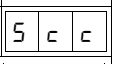
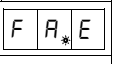
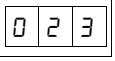
The current Application Image, or operating system, version displays each time Petine is turned on.
See the "When Petine Is First Turned On" section of this manual.

Download the new appl.ima image file from the QRS Music website and copy to a CFLASH or CDROM.
http://www.qrsmusic.com/support_pa.asp

Update from a CDROM

Press STOP to halt play.	
Insert the CD containing the appl.ima file.	
Press the ADJ Dial twice within one-half second to enter the Setup Menu.	
Petine will open to the source section of the Setup Menu and display the current source.	
Press the ADJ Dial so that the dot begins to flash.	
Rotate the ADJ Dial to display a large "C".	
Press the ADJ Dial to stop the dot from flashing.	
Rotate the ADJ Dial to move the dot to the middle display segment.	
Press the ADJ Dial so the dot flashes and then rotate the ADJ Dial to display a "A" for Application update.	
Press the ADJ Dial to stop the flashing.	
Rotate the ADJ Dial to move the dot to the far right display segment. Press the ADJ Dial to Execute.	
A "U" will display and the update countdown to zero will begin.	
Successful update!	
Press the ADJ Dial once.	
Press the ADJ Dial twice within one-half second to exit.	

Update from a CompactFlash

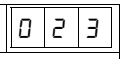
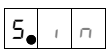
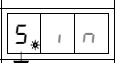
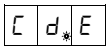
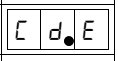
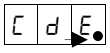
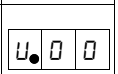
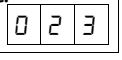
Press STOP to halt play.	
Insert the CompactFlash card containing the appl.ima file.	
Press the ADJ Dial twice within one-half second to enter the Setup Menu.	
Petine will open to the source section of the Setup Menu and display the current source.	
Press the ADJ Dial once so that the dot begins to flash.	
Rotate the ADJ Dial to display a large "F".	
Press the ADJ Dial to stop the dot from flashing.	
Rotate the ADJ Dial to move the dot to the middle display segment.	
Press ADJ so the dot flashes and then rotate the ADJ Dial to display a "A" for Application update.	
Press the ADJ Dial to stop the flashing.	
Rotate the ADJ Dial to move the dot to the far right display segment. Press the ADJ Dial to Execute.	
A "U" will display and the update countdown to zero will begin.	
Successful update!	
Press the ADJ Dial once.	
Press the ADJ Dial twice within one-half second to exit.	

Update Petine's Demo Image - SyncAlong Music Index

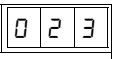
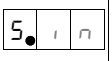
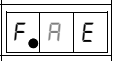
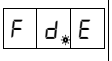
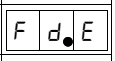
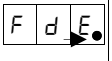
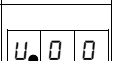
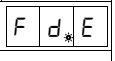
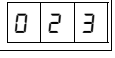
The demo image file contains the pre-programmed music located in the Internal Source of Petine.
It also contains a hidden index file used to synchronize the SyncAlong series music.

Download the new demo.ima image file from the QRS Music website and copy to a CFLASH or CDROM.
http://www.qrsmusic.com/support_pa.asp

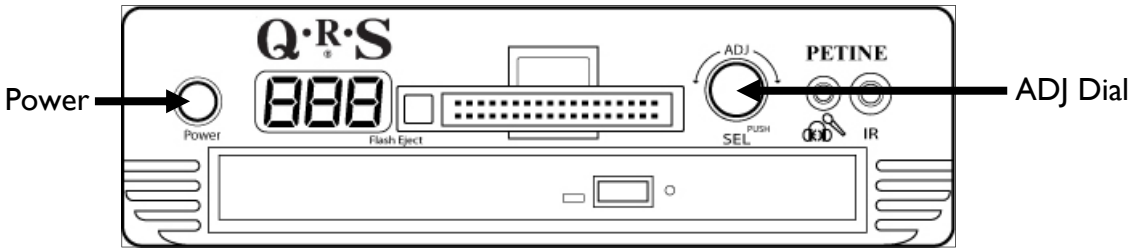
Update from CDROM

Press STOP to halt play.	
Insert the CD containing the demo.ima file.	
Press the ADJ Dial twice within one-half second to enter the Setup Menu.	
Petine will open to the source section of the Setup Menu and display the current source.	
Press the ADJ Dial so that the dot begins to flash.	
Rotate the ADJ Dial to display a large "C".	
Press the ADJ Dial to stop the dot from flashing.	
Rotate the ADJ Dial to move the dot to the middle display segment.	
Press the ADJ Dial so the dot flashes and then rotate the ADJ Dial to display a "d" for demo update.	
Press the ADJ Dial to stop the flashing.	
Rotate the ADJ Dial to move the dot to the far right display segment. Press the ADJ Dial to Execute.	
A "U" will display and the update countdown to zero will begin.	
Successful update!	
Press the ADJ Dial once.	
Press the ADJ Dial twice within one-half second to exit.	

Update from CompactFlash

Press STOP to halt play.	
Insert the CompactFlash card containing the demo.ima file.	
Press the ADJ Dial twice within one-half second to enter the Setup Menu.	
Petine will open to the source section of the Setup Menu and display the current source.	
Press the ADJ Dial once so that the dot begins to flash.	
Rotate the ADJ Dial to display a large "F".	
Press the ADJ Dial to stop the dot from flashing.	
Rotate the ADJ Dial to move the dot to the middle display segment.	
Press ADJ so the dot flashes and then rotate the ADJ Dial to display a "d" for demo update.	
Press the ADJ Dial to stop the flashing.	
Rotate the ADJ Dial to move the dot to the far right display segment. Press the ADJ Dial to Execute.	
A "U" will display and the update countdown to zero will begin.	
Successful update!	
Press the ADJ Dial once.	
Press the ADJ Dial twice within one-half second to exit.	

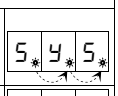
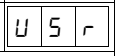
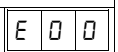
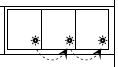
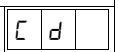
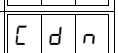
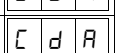
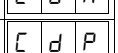
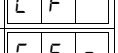
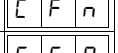
Restoring Factory Default Settings

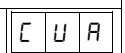
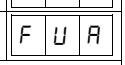
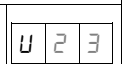
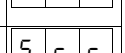
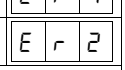


Remove the CDROM disc and CompactFlash card from Petine before continuing. Begin with Petine's power turned OFF.		
Press and hold the ADJ Dial then press and release the power button. Continue to hold the ADJ Dial and when you see "Pon" count 2 seconds then release the Dial. *If the ADJ Dial is held too long the Petine will power off. Try again.*		Pon
If done properly "SYS" will flash 3 times to confirm that the special system setup menu is available.		SYS
Petine will then display last played source. Press STOP to halt play.		024
Press the ADJ Dial twice within one-half second to enter the system setup menu. Petine will open to the special system mode.		S.dE
If there is already a "d" in the second display segment skip the "indented" steps below.		
Rotate the ADJ Dial to place the dot between the second and third display segments.	S L.E	
Press the ADJ Dial so that the dot begins to flash.	S L*E	
Rotate the ADJ Dial until "d" displays.	S d*E	
Press the ADJ Dial so that the dot stops flashing.	S d.E	
Rotate the ADJ Dial to place the dot after the "E".		SdE.
Press the ADJ Dial execute the Default reset. While the Reset is being performed the characters 'dFt" will be displayed.		dFt
If the Reset was successful the LED will display "SCC"		Scc
Press the ADJ Dial once. Petine will automatically power OFF. When the Petine is Powered on the Defaults will be applied.		OFF

Restoring Petine's Application Image

The Application Image file (appl.ima) holds the program code, or operating system, for the Petine controller's user function set. It allows the user to operate the Pianomation player piano system using all of Petine's functions and settings.
The System Image file (syst.ima) holds the "core" program code for Petine. If the Application Image ever becomes corrupted or unusable for any reason, the System Image serves as a "backup" and allows the user to re-load or "restore" the Application Image.

If the Application Image is damaged Petine will turn on to display the following...		
This display indicates that the unit has powered ON using the system image.		
Indicates that user action is needed.		
The system will look for the optional Disk-On-Chip		
Or	Installed	
	Not Installed	
Download a copy of the appl.ima file, copy it to a CDROM or CFLASH. [www.qrsmusic.com/Pianomation/downloads]		
Press the ADJ Dial and wait for this display.		
Press the ADJ Dial again...		
The system will scan the CD drive.		
Or	No CD in drive.	
	CD detected without an image file	
	CD with image file present.	
The system will then scan the CompactFlash reader.		
Or	No CompactFlash card in reader.	
	CompactFlash card present.	
If a CDROM disk and a CompactFlash card are present, both with image files, the CompactFlash will be used.		

After the initial scanning process, the system will display one of the following:		
Or	CD Update Application	
	CompactFlash Update Application	
These settings will change if the ADJ dial is accidentally rotated. If they do change, rotate the dial to display one of the initial settings shown above. See the CD and CompactFlash Utilities section of this manual for the list of options.		
Insert the CDROM or CompactFlash, with the Appl.ima file, into the appropriate drive of Petine.		
Press the ADJ Dial...		
If the correct image file type is present Petine will begin the update.		
This indicates a successful update!		
If unsuccessful and error code is displayed.		
Press the ADJ Dial once.		
Or	Nothing in drive.	
	No image files found.	
Press AND Hold the ADJ Dial until Petine powers OFF. Then Press the power button to turn Petine ON.		
See the "When Petine is First Turned ON" section of this manual for the proper "power-on" display sequence.		

PIANOMATION®
ELECTRONICS/ELECTROMECHANICAL SYSTEM
LIMITED WARRANTY

PIANOMATION ELECTRONICS LIMITED WARRANTY

QRS Music Technologies, Inc. ("QRS") warrants to you for the Warranty Period that there are no defects in the materials of this Product (as identified at the end of this warranty certificate). The "Warranty Period" expires (except as explained below) Two (2) years from the date of your purchase of the Product. In order to determine the date of your purchase of the Product, you will need to provide to us a credit card receipt, a purchase agreement, a sales slip, a warranty registration or some other form of proof that you are the original purchaser and the date of your purchase of the Product.

If you are not able to provide us with some form of proof of purchase date, the Warranty Period will be a shorter period (the "Shorter Warranty Period") which is two years from the date that your dealer purchased the Product from QRS. If you cannot provide a proof of purchase date, you may contact us in the manner described below and we will assist you in determining the date that your dealer purchased the Product from us and determining the Shorter Warranty Period. This is a warranty for parts only and does not include shipping or labor.

This warranty does not apply to any accessories you may have purchased with the Product and does not apply to any piano or components of the piano with which the Product is used or any Piano in which the Product is installed. In addition, this warranty does not cover scratches, dents or other defects in the cosmetic finish of the Product.

The warranty is issued solely to the original purchaser of the Product. THIS WARRANTY IS NOT TRANSFERABLE. If, during the Warranty Period, parts incorporated in this Product are found to be defective in material or workmanship, and the original purchaser provides Purchase Documents to QRS, then QRS or its authorized dealer will provide replacement parts without charge. We may, at our discretion, provide reconditioned parts or assemblies as warranty replacements. You as the original purchaser will be responsible to pay labor costs incurred in connection with any repair.

LIMITATION IN CONNECTION WITH OBSOLETE PRODUCTS

If at the time you make a claim pursuant to this warranty, we no longer manufacture or sell the same model of Product, we may, at our discretion, rather than repair or replace defective parts in the Product, offer to sell you a more current version of a similar Product. If we offer to sell you a more current model of the Product, you will be responsible to pay the difference between the Manufacture's Suggested Retail Price ("MSRP") of the more current version of a similar Product and the price you paid for the Product you purchased. If you choose not to accept such offer, we will have no further obligations pursuant to this warranty.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, MADE BY THE MANUFACTURER IN CONNECTION WITH THIS PRODUCT. INCLUDING, BUT NOT LIMITED TO, WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ALLOWED BY THE LAW, QRS SHALL NOT BE RESPONSIBLE FOR LOSS OF THE PRODUCT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, SPECIAL OR CONSEQUENTIAL DAMAGES, EVEN IF THE MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

This warranty gives you specific legal rights. Some states provide other rights, and some states do not allow excluding or limiting liability for incidental or consequential damage. Consequently, the limitations and exclusions in this warranty may not apply to you. In addition, some jurisdictions have consumer protection rules, regulations and statutes that may apply to you.

Exclusions

There is no express warranty on the Product and this warranty is void if:

1) You did not purchase this Product from an authorized Pianomation reseller
2) This Product has been serviced, modified or tampered with by anyone other than an QRS Authorized Service Representative
3) The name, trademark or serial number has been modified, defaced or removed from the product,
4) This Product has been damaged as a result of abuse, abnormal force or strain, failure to reasonably maintain and protect, modification, accident or exposure to extreme temperature or humidity,
5) Parts, supplies or other accessories which have not been approved by QRS have been used with this Product,
6) Radio frequency interference is generated by uncertified and/or illegal equipment,
7) This Product has been moved or delivered without reasonable preparation and packaging or
8) QRS reasonably determines, after inspection that there has been modification of this Product which adversely affects the reliability of the product or component.

Owner's Responsibility

In order to have rights under this warranty, you have the following responsibilities:

1) Retain your proof of purchase and purchase date and send in your Warranty Registration Card
2) Notify QRS or any authorized dealer of any warranty claim within ten (10) days after discovery and provide a detailed explanation of the problem.

General

If any provision herein shall be unlawful, void or for any reason unenforceable, then that provision shall be deemed severable from this warranty certificate and shall not affect the validity of and enforceability of the remaining provisions.

QRS reserves the right to make changes in design and/or improvements to its products without any obligation to retrofit products previously manufactured.

INSTRUCTIONS FOR OBTAINING WARRANTY SERVICE

1) If you cannot provide proof of purchase, contact QRS at 800-247-6557 and we will attempt to determine the date on which your dealer purchased the Product and assist you in determining the Shorter Warranty Period. For warranty service, contact the dealer from whom you purchased the product, or your nearest dealer.
2) If no dealer is near you, contact QRS by phone at 800-247-6557.
3) Do not ship the product without prior written Return Authorization from QRS. Do not attempt to repair or disassemble the product yourself.
4) Please record your model number and serial number and your date of purchase below for your records. Keep this information with your proof of purchase in case your product requires service. Do not dispose of the warranty after it expires. In the event your product ever requires service, these instructions should be helpful in enabling you to obtain proper service.

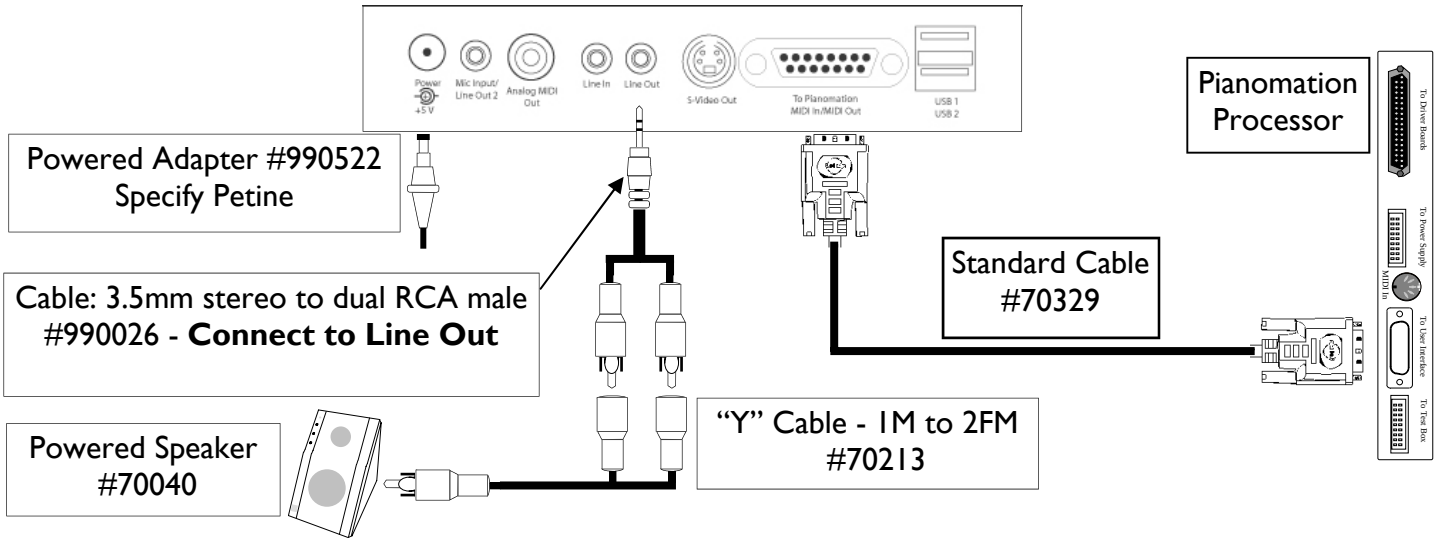
Product Model #_____

Product Serial #_____

Date of purchase_____

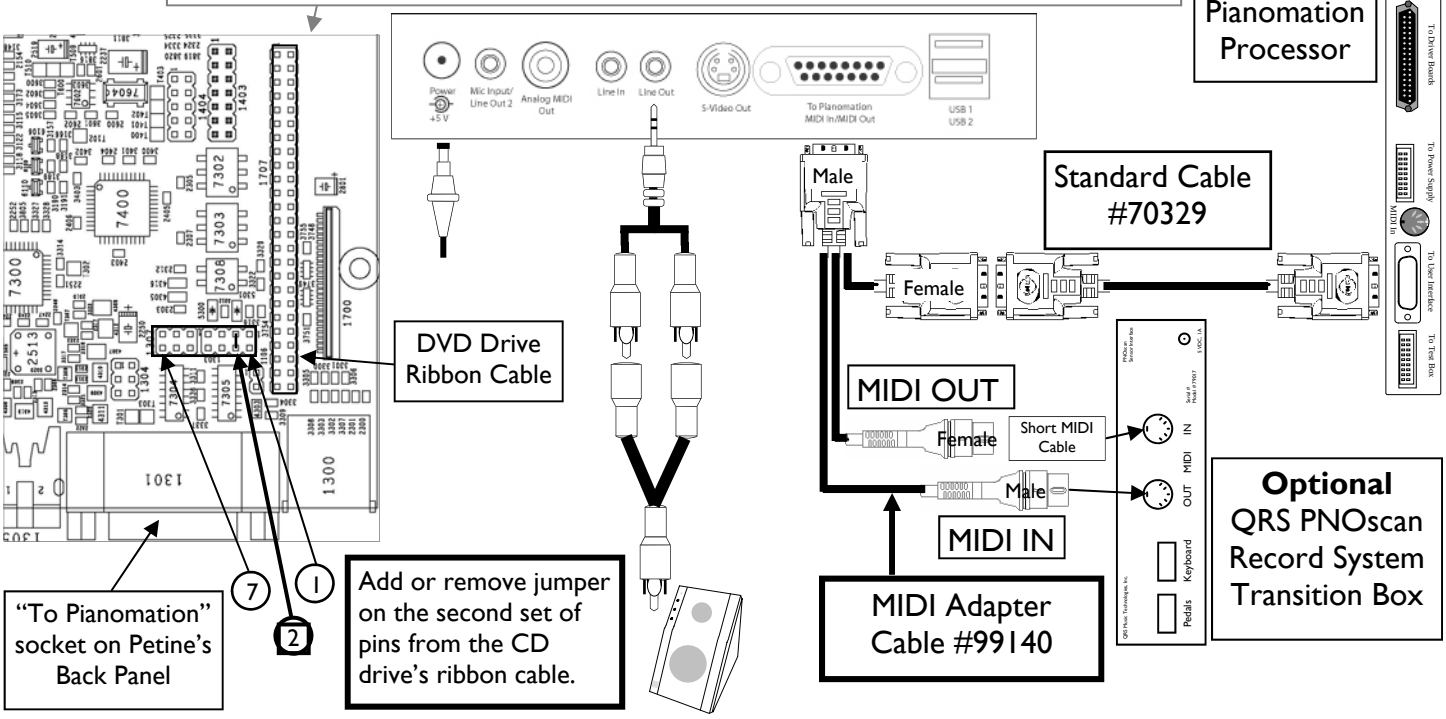
Connecting for Standard Playback or Optional Record

Standard Playback Connections

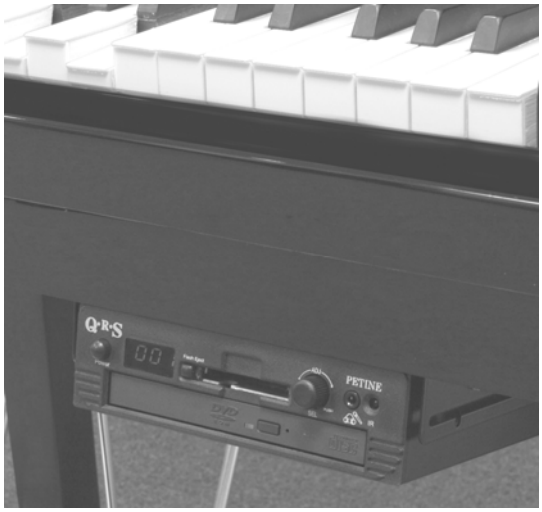


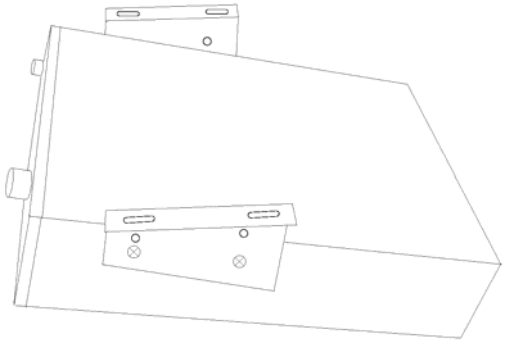
Optional MIDI Adapter Cable Connections for MIDI IN/OUT - RECORD or MIDI File Player

To avoid damage to the Petine controller a jumper must be installed inside the Petine controller whenever the MIDI Adapter cable is used. If this cable is ever disconnected the jumper must be removed.



Mounting Bracket

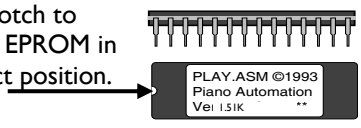




Updating Pianomation

If you are upgrading from a previous version of Pianomation MIDI you will need to update the EPROM to version 1.51K. The version 1.51K EPROM requires a 256 processor, located in processors similar to the ones shown below. The EPROM version is written on the EPROM which is located on the processor board. Dip switch #3 must be set to the ON position.

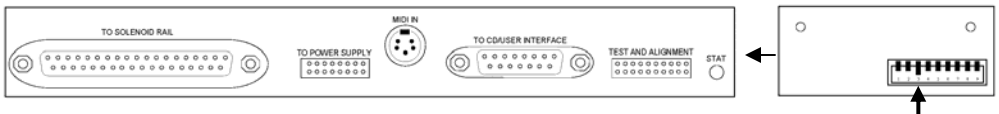
Use this notch to orient the EPROM in the correct position.



EPROM version 1.51K is required in systems using the QRS Petine controller. This goes into the processor located under the piano.

Description	Part Number
Processor with 1.51K EPROM	60108
EPROM 1.51K	70570

Current version
Released in the year 2000



Note: After installing Petine on the piano flip **switch #3 ON.** Dip switches are located on the side of the Year 2000 processor and inside the enclosure on the previous years enclosures.

Parts Included

QRS #	Description	QTY
99100A	Petine CD Controller	1
990522	Power Adapter - Specify Petine - [Input: AC 100-240V] [Output: DC 5V - Center Positive]	1
71398	Remote Control	1
70388	Batteries AAA	4
990026	Audio Cable: 3.5mm Stereo Plug to Dual RCA Plugs (Connection to Speakers)	1
990107	Universal Mounting Brackets	2
70213	"Y" Cable: 1Male RCA to 2 Female RCA	1
990009	Screws M3 Length 6mm, Philips Pan-Head Black (Petine to Bracket)	4
70592	Screws (Bracket to Piano)	4
990021	Owners Manual	1
OM99002	Quick Guide	1
99004	Shipping Carton	1
99003	Bottom Foam Pad—Shipping Carton	1
99005	Top Foam Pad—Shipping Carton	1
99009	Spacer Pad—Shipping Carton	2

Petine Accessories & Options

QRS #	Description		QRS #	Description
79017	QRS PNOscan Record System *Available Summer 2006*		970000	NetPiano 2 year subscription
981007	Soundcard		970002	NetPiano 4 year subscription
99140	MIDI Adapter Cable:		970004	NetPiano Lifetime subscription
990044	Jumper - Activates record option		50030	Q-Touch Tablet - Ideal for Net Piano
990024	CompactFlash Card 256MB - Type II			

Pianomation Accessories

Description	Catalog # Price	
Remote control	71398 $53.00	
Self-Powered Speaker USE: This speaker mounts under the piano and amplifies the orchestrated music. Mounting Bracket included.	76040 $350.00	
Barcus Berry Piano Transducer USE: Picks up and amplifies the soundboard vibrations so that the piano can be heard through a speaker system.	70046 $450.00	
Piano / Audio Mixer USE: Mixes the background music with the piano (with Barcus Berry). The output of the mixer is then sent to a sound system.	70530 $150.00	
Grand Stop Rail The Grand piano stop rail is a physical device that blocks the hammers from striking the strings. Use: In conjunction with the Petine's sound module and headphones so that you can practice without disturbing others.	56022 $240.00	
Wireless Transmitter/Receiver USE: This unit is used for home hookups using the customer's CD player to send the signal to either the piano or the powered speaker. One PG14 Shure 50101 unit is needed for each channel used.	Shure 50101 $560.00	
Smart Switch USE: This device will automatically switch from several different sources (i.e., CD player, VCR, PC). Will also switch between audio CDs and Pianomation CDs.	78000 $320.00	
PC/Windows MIDI Interface USE: Connects to the USB of a PC and provides MIDI IN and MIDI OUT capabilities.	50123 $220.00	

Description	Catalog # Price	
Orchestrated Cable Pack USE: This pack is used for home hookups. It allows the customer to select between audio CDs and QRS CDs on their stereo amplifier.	70207 $20.00	
Audio Cables Male to Male RCA USE: For connecting CD, Video & DVD Players to the QRS Player System. 3ft 70133 $6.00 6ft 70131 $6.00 12ft 70134 $6.00 20ft 70135 $6.00		
Audio cables Twin Male RCA to RCA USE: For connecting CD, Video & DVD Players to QRS Player System. This is for both left and right channels.	70209 $6.00	
Audio Cable Splitter 1 Male to 2 Females: USE: For splitting the outputs of CD, Video & DVD players.	70213 $6.00	
Mini Stereo cable to Left & Right Male RCA USE: Plugs into a portable CD player and splits the cable into left & right male RCA connectors.	70367 $8.00	
RCA Barrel Connector USE: Joins 2 male audio cables together.	70166 $6.00	
MIDI Barrel Connector USE: Joins 2 MIDI cables together. This pack is used for home hookups. It allows the customer to select between audio CDs and QRS CDs on their stereo amplifier.	70158 $6.00	
MIDI Cables USE: Generally used to connect PCs/ Floppy disk players to QRS Player System or Directly to the Pianomation MIDI Processor. 1ft 70150 $17.50 3ft 70151 $17.50 5ft 70371 $17.50 10ft 70152 $23.40 20ft 70153 $28.80 100ft 70155 $72.00		

General MIDI Sound List

This is the list of voices available from the optional soundcard. The soundcard is used when playing MIDI files, written with orchestration, from a CompactFlash card or CDROM.

These voices can also be triggered from the optional record system.

General MIDI Sounds

Patch	Name	Patch	Name	Patch	Name	Patch	Name
1	Acoustic Grand Piano	33	Acoustic Bass	65	Soprano Sax	97	FX 1 (rain)
2	Bright Acoustic Piano	34	Electric Bass (finger)	66	Alto Sax	98	FX 2 (soundtrack)
3	Electric Grand Piano	35	Electric Bass (pick)	67	Tenor Sax	99	FX 3 (crystal)
4	Honky-tonk Piano	36	Fretless Bass	68	Baritone Sax	100	FX 4 (atmosphere)
5	Electric Piano 1	37	Slap Bass 1	69	Oboe	101	FX 5 (brightness)
6	Electric Piano 2	38	Slap Bass 2	70	English Horn	102	FX 6 (goblins)
7	Harpsichord	39	Synth Bass 1	71	Bassoon	103	FX 7 (echoes)
8	Clavi	40	Synth Bass 2	72	Clarinet	104	FX 8 (sci-fi)
9	Celesta	41	Violin	73	Piccolo	105	Sitar
10	Glockenspiel	42	Viola	74	Flute	106	Banjo
11	Music Box	43	Cello	75	Recorder	107	Shamisen
12	Vibraphone	44	Contrabass	76	Pan Flute	108	Koto
13	Marimba	45	Tremolo Strings	77	Blow n Bottle	109	Kalimba
14	Xylophone	46	Pizzicato Strings	78	Shakuhachi	110	Bag pipe
15	Tubular Bells	47	Orchestral Harp	79	Whistle	111	Fiddle
16	Dulcimer	48	Timpani	80	Ocarina	112	Shanai
17	Draw bar Organ	49	String Ensemble 1	81	Lead 1 (square)	113	Tinkle Bell
18	Percussive Organ	50	String Ensemble 2	82	Lead 2 (saw tooth)	114	Agogo
19	Rock Organ	51	SynthStrings 1	83	Lead 3 (calliope)	115	Steel Drums
20	Church Organ	52	SynthStrings 2	84	Lead 4 (chiff)	116	Woodblock
21	Reed Organ	53	Choir Aahs	85	Lead 5 (charang)	117	Taiko Drum
22	Accordion	54	Voice Oohs	86	Lead 6 (voice)	118	Melodic Tom
23	Harmonica	55	Synth Voice	87	Lead 7 (fifths)	119	Synth Drum
24	Tango Accordion	56	Orchestra Hit	88	lead)	120	Reverse Cymbal
25	Acoustic Guitar (nylon)	57	Trumpet	89	Pad 1 (new age)	121	Guitar Fret Noise
26	Acoustic Guitar (steel)	58	Trombone	90	Pad 2 (w arm)	122	Breath Noise
27	Electric Guitar (jazz)	59	Tuba	91	Pad 3 (polysynth)	123	Seashore
28	Electric Guitar (clean)	60	Muted Trumpet	92	Pad 4 (choir)	124	Bird Tw eet
29	Electric Guitar (muted)	61	French Horn	93	Pad 5 (bow ed)	125	Telephone Ring
30	Overdriven Guitar	62	Brass Section	94	Pad 6 (metallic)	126	Helicopter
31	Distortion Guitar	63	SynthBrass 1	95	Pad 7 (halo)	127	Applause
32	Guitar harmonics	64	SynthBrass 2	96	Pad 8 (sw eep)	128	Gunshot

QRS Music Technologies, Inc.

For Technical Support Call 1-800-247-6557